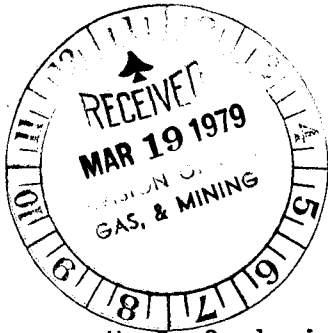


PALMER OIL & GAS COMPANY

P.O. Box 2564
BILLINGS, MONTANA 59103
(406) 248-3151



March 15, 1979

U. S. Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Gentlemen:

Enclosed please find Application to Drill covering our Federal #5-9 well located in Grand County, Utah.

Yours very truly,

PALMER OIL & GAS COMPANY

Grace E. Brown
Drilling Department

gb

cc: Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PALMER OIL & GAS COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

700' FEL, 1800' FSL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 16 miles Northwest of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

700'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

4815'

16. NO. OF ACRES IN LEASE

496.97

19. PROPOSED DEPTH

4100' Morrison

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5307' G.L., 5318' K.B.

22. APPROX. DATE WORK WILL START*

June 1, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8" new	20#, H-40	240'	150 sacks
7-7/8"	4 1/2" new	10.5#, K-55	4100'	225 sacks

1. Surface formation is the Mancos Shale.
2. Anticipated geologic markers are: Frontier - 3100', Dakota - 3460', Morrison - 3590'.
3. Gas is anticipated in the Dakota and Morrison. No water, oil, or other minerals are anticipated.
4. Proposed casing program: See item No. 23 above.
5. Pressure control equipment: See attached well control plan and schematic of drilling contractors BOP stack. BOP's will be tested before drilling out from under surface casing and will be checked daily.
6. Air or mist drilling will be used to drill the surface hole unless water is encountered. If water is encountered approximately 300 bbls of gel type mud will be used. The well will be air drilled from under surface casing to TD.
7. Auxiliary Equipment: See well control plan.
8. The logging program will consist of an IES log from TD to the base of surface casing, and GR-FDC-SNP or CNL logs from TD to above the Frontier. No cores or DST's are planned.
(Continued on back page.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Robert D. Ballantyne

TITLE Drilling Superintendent

DATE March 13, 1979

(This space for Federal or State office use)

PERMIT NO.

43-019-30506

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WELL: ☒ DRILL ☐ DEEPEN ☐ PLUG BACK
2. TYPE OF WELL: ☐ OIL ☐ GAS ☒ OTHER
3. NAME OF OPERATOR: PALMER OIL & GAS COMPANY
4. ADDRESS OF OPERATOR: P. O. Box 2564, Billings, Montana 59103
5. LOCATION OF WELL (Specify location clearly and in accordance with the State requirements): 700' EBL, 1800' FSL

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plat, separate of on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

★ U.S. GOVERNMENT PRINTING OFFICE: 1969-O-711-396

9. No abnormal pressures or temperatures anticipated. No poisonous gas anticipated.
10. Anticipated spud date is June 4, 1979, depending on rig availability, and weather. Completion operations should commence within 30 days of rig release.
11. Survey plats enclosed.
12. The gas is not dedicated.
13. The spacing unit is the east half of section 5.

1. Surface formation is the Mancos shale.
2. Anticipated geologic markers are: Grouse - Dakota.
3. Gas is anticipated in the Dakota and Mancos shale.
4. Proposed casing program: See item 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

TOPOGRAPHIC MAP

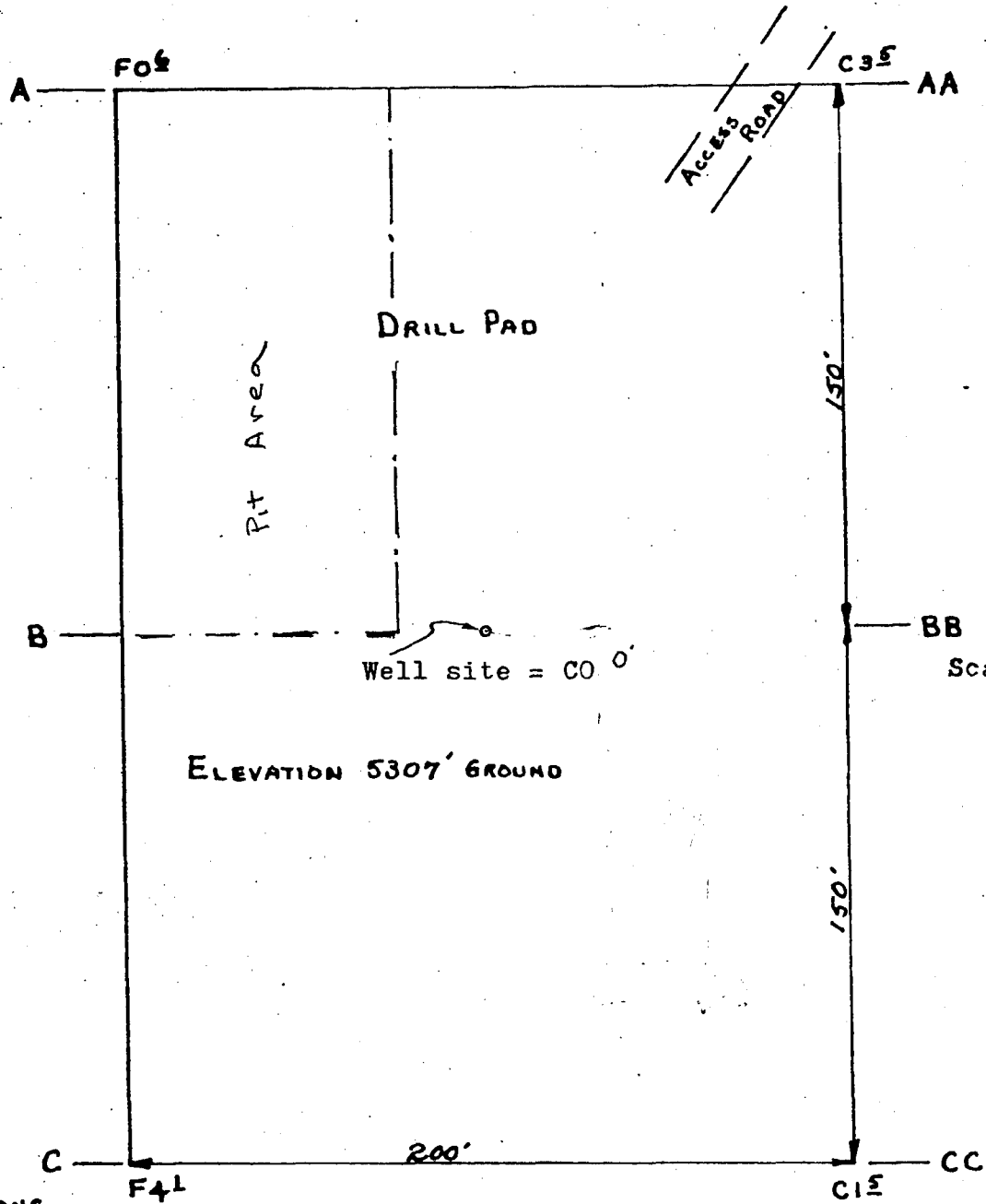
PALMER OIL & GAS CO.

#5-9 FEDERAL

1800' FS & 700' FW SEC. 5 T17S R26E

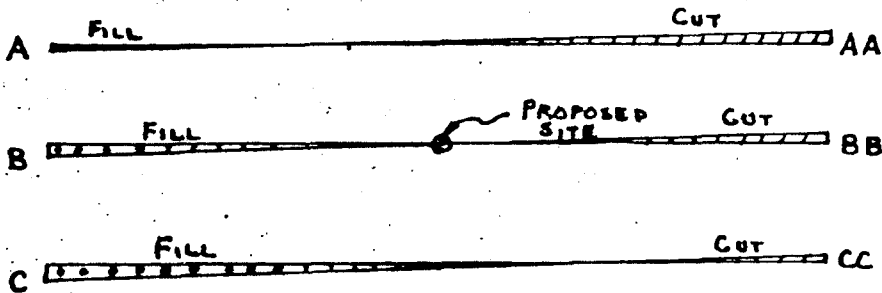
GRAND COUNTY, UTAH

200' N
C2L



Scale: 1" = 50'

CROSS-SECTIONS

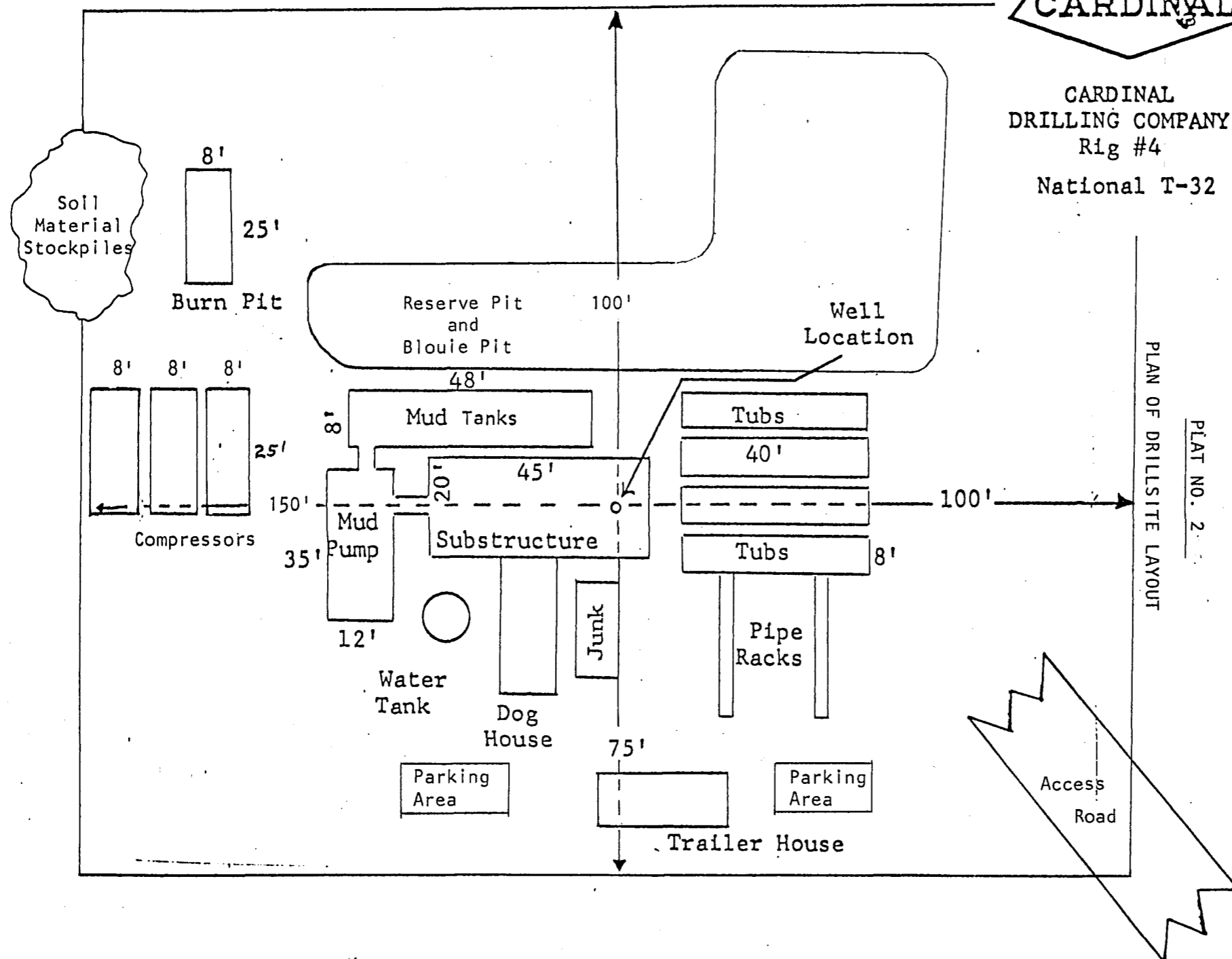


by: Richard A. Schults
Powers Elevation Company, Inc.

3-5-79



CARDINAL
DRILLING COMPANY.
Rig #4
National T-32



TWELVE POINT PLAN OF DEVELOPMENT
FOR SURFACE USE FOR PALMER OIL FEDERAL #5-9
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 5-T17S-R26E
Grand County, Utah

1. Existing Roads

- A. Proposed wellsite: Survey plat enclosed.
- B. Location is approximately 4.2 miles North of Highway 6 & 50 on 2 Road.
Then approximately 5 miles North to the location on the State Line Road.
- C. Access roads: See Location Map #1.
- D. Not applicable, well is not exploratory.
- E. Existing roads within 1 mile of wellsite: See Location Map #1.
- F. No improvements of existing roads are planned except to blade any rough spots.

2. Planned Access Roads

- A. See Location Map #1 for necessary access road to be constructed by blading.
Length of access road is approximately 2,400 feet.
 - 1. Maximum width of 25'.
 - 2. Maximum grade of 2%.
 - 3. No turnouts needed.
 - 4. Natural drainage, road will follow contour of land.
 - 5. No culverts needed.
- 6. No surfacing material to be used.
- 7. No gates, cattleguards, or fence cuts needed.
- 8. Access road is center flagged.

3. Location of existing wells (See Map No. 2)

- 1. There are no existing water wells within a 1 mile radius.
- 2. See Map #2 for location of abandoned wells and other proposed locations.
- 3. No temporary abandoned wells are located within a 1 mile radius.
- 4. No disposal wells in the area.
- 5. No drilling wells in the area, one well is permitted in the NW/NW Section 5.
- 6. Producing wells shown on Map No. 2.
- 7. Shut in wells shown on Map No. 2.
- 8. No injection wells in the area.
- 9. No monitoring or observation wells in area.

4. Location of existing and proposed production facilities

- A.
 - 1. No tank batteries within a 1 mile radius.
 - 2. No production facilities within a 1 mile radius.
 - 3. No oil gathering lines in the area.
 - 4. Map #1 shows existing pipelines owned by Northwest Pipeline.
 - 5. No injection lines in the area.
 - 6. No disposal lines in the area.
- B.
 - 1. The proposed gathering line is shown on Plat #3, and will follow the access road.
 - 2. A separator, approximately 5' x 10', and a meter run, approximately 6' x 8', will be on the drillsite pad, and will be painted to blend with the desert environment.
 - 3. No construction materials are necessary. All lines will be coated, wrapped, and buried.
 - 4. A 10' x 10' water disposal pit will be dug within 50' of the separator and will be enclosed by a wire fence. A 6' x 6' x 3 $\frac{1}{2}$ ' metal guard will be placed around the wellhead.
- C. Plans for restoration of the surface.
On completion of the drilling of this well, all pits will be backfilled and top soil replaced and re-contoured back to the original terrain. Upon abandonment all disturbed area, including the location and access road, will be recontoured, ripped or scarified as needed, and revegetated using the following seed formula:

Indian Ricegrass	1 lb/acre
Crested Wheatgrass	1 lb/acre
Sand Drop Seed	1 lb/acre
Globe Mallow	1 lb/acre
Wild Sunflower	1 lb/acre
Four Wing Saltbush	1 lb/acre

TWELVE POINT PLAN OF DEVELOPMENT (Cont.)

Shadscale
Winterfat

1 lb/acre
1 lb/acre

All seeding will be done between September 15 - November 15.

5. Location and type of water supply

- A. Very little water is needed to drill this well because it will be air drilled. Water will be purchased from Grand Valley Water Users and hauled from a ditch near Mack, Colorado, or from West Salt Creek drain ditch near Mack, Colorado.
- B. Water will be transported by tank truck.
The truck will use the access road.
- C. No water well is to be drilled.

6. Source of construction materials

- A. No construction materials are to be used.

7. Methods for handling waste disposal

- 1. Cuttings will be buried 3' under top soil
- 2. Drilling fluids (if any) will be left in open pit to evaporate. Pit will be fenced on 3 sides during drilling, 4 sides after rig is moved off.
- 3. Produced oil or condensate (if any) will be stored in a tank and sold. Produced water will be disposed of in compliance with rules and regulations of the USGS and the State of Utah.
- 4. Portable toilet will not be provided.
- 5. Trash will be burned in burn pit.
- 6. Drilling fluid in pit, which will be very minimal due to air drilling, will be left to dry, if necessary. After pit area is sufficiently dry, cuttings will be pushed into pit and sub-soil to be placed on top of any remaining fluid and cuttings; then top soil will be used to cover both pit and location area.

8. Ancillary facilities

No proposed camps or airstrips.

9. Wellsite layout

- 1. See Plat #2 showing location pad. All necessary cuts and fills are shown on this plat, and the cross sections are shown on the bottom of Plat No. 2.
- 2. Location of pits, etc.: See plan of drillsite layout diagram, Plat No. 2-A.
- 3. Rig orientation: See plan of drillsite layout diagram, Plat No. 2-A.
- 4. Pits will be unlined.

10. Plans for restoration of surface

- 1. Backfilling, leveling, etc.: See 7-1 and 4-C.
- 2. Rehabilitation, etc.: See 4-C.
- 3. Fencing of pits: See 7-2. This will be done as soon as drilling is completed.
- 4. Oil on pits: Not applicable.
- 5. Rehabilitation timetable: See 4-C. Contouring will be done as soon as the pits are dry.

11. Other information

- 1. Topography: Immediate wellsite is basically flat, surrounding area has very low relief. Bookcliffs are approximately 1½ miles north of location. Vegetation: Sparse grassland with greasewood and sagebrush. Land is used for grazing.
Fauna: Occasional use by deer, antelope, rabbits, lizzards, hawks, and miscellaneous small birds.
Geologic features: Nothing significant in immediate area.
- 2. A. Surface Ownership: Public lands administered by the BLM.
B. Surface Activities: Four wheel drive and motorcycle recreation, rabbit and bird hunting, pipeline maintenance ROW south of lease.
- 3. No water or dwellings are on the lease. An archaeologic study will be done by Powers Elevation Co. of Eagle, Colorado. Some litter is present along 2 Road in the form of cans and bottles.

TWELVE POINT PLAN OF DEVELOPMENT (Con't)

12. Lessee's or operator's representative

R. D. Ballantyne
P. O. Box 2564
Billings, MT 59103

Office Phone (406) 248-3151
Home Phone (406) 656-1304

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein is being contracted for at this time. The contractor and sub-contractors will conform with this plan and the terms and conditions under which it is proposed.

Date:

March 13, 1979

R. D. Ballantyne

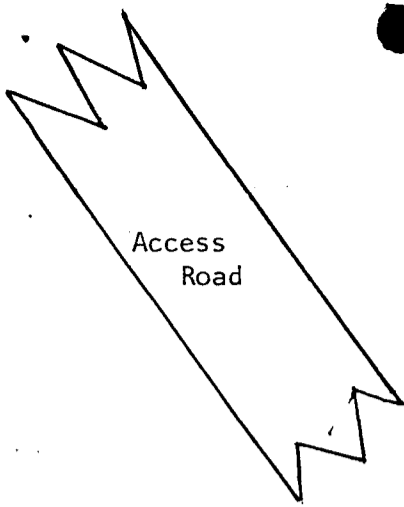
R. D. Ballantyne
Drilling Superintendent

WELL CONTROL PLAN

1. Surface Casing: 8-5/8" O.D. 20#/ft., Grade H-40, Short T&C, set at 240' or deeper, cemented with pump and plug method back to the surface or bottom of cellar.
2. Casinghead Flange: 8-5/8"x10" 900 Series with two 2" 1500 PSI L.P. outlets.
3. Intermediate Casing: None required.
4. Blowout Preventor: A 10" 3000 psig W.P. Double gate hydraulic Shaffer BOP (or equivalent) with drill; pipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 2000 psi W.P.
5. Auxillary equipment: (a) Drill pipe float will be used at the bit. (b) Mud monitoring - none due to drilling with air. (c) Stabbing Valve - will be on rig floor at all times. (d) Upper kelly cock - will be available at all times.
6. Anticipated bottom hole pressure is less than 1000 psi at 4000' or a gradient of .25 psi/ft. or less. No abnormal temperatures or hydrogen sulfide gas are anticipated.

PALMER OIL & GAS COMPANY

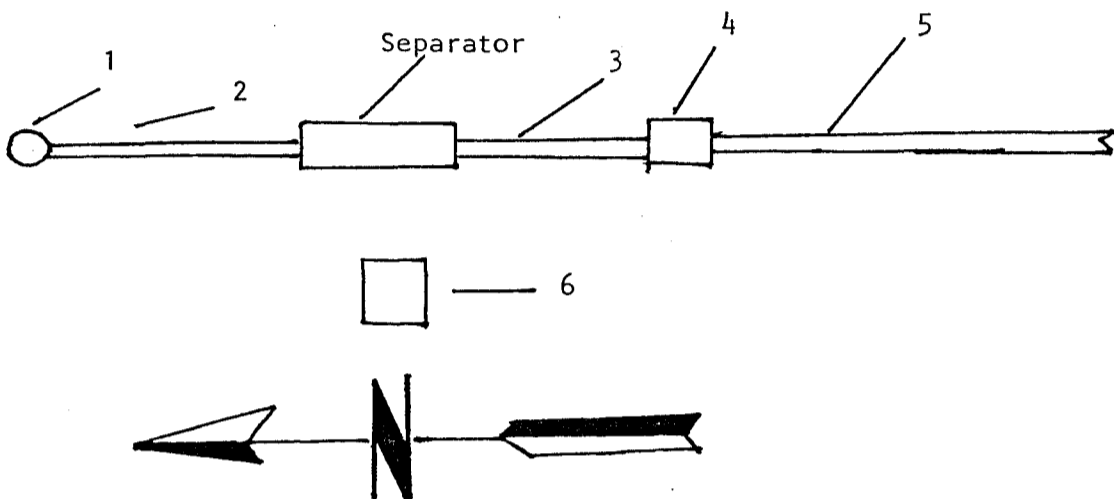
Robert D Ballantyne



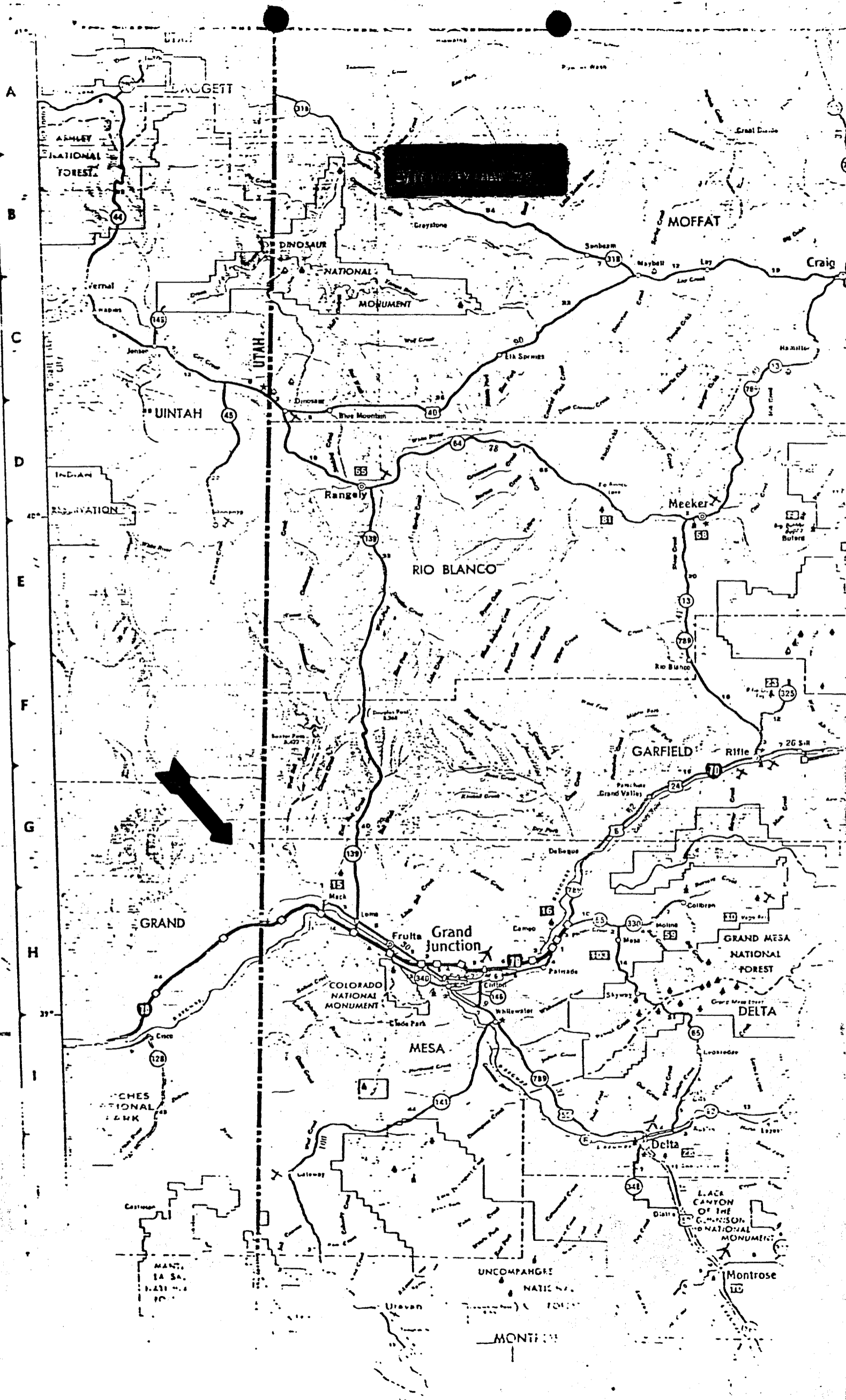
PLAT #3

Federal #5-9

Wellhead



1. Wellhead will be 4-1/2" x 2-3/8" flange x screw with donut hanger full opening valve. All 2000# WP or greater to meet PO&GC specifications.
2. Line between wellhead and separator will be approx. 75 feet in length and constructed of 2-3/8" .218 wall seamless, welded, wrapped and buried approx. 5 feet deep.
3. Line between separator and meter will be 4" or 4.028 OD seamless, welded, coated, wrapped and buried and will be approx. 25 feet in length.
4. Meter run will be American 4" run, 500 psi static rating, 100" of water differential rating.
5. Line between meter run and 4' gathering line will be 3" seamless, welded pipe and will be approx. 500 feet in length.
6. Pit, if necessary will be 10' x 10', enclosed by dikes and fenced.

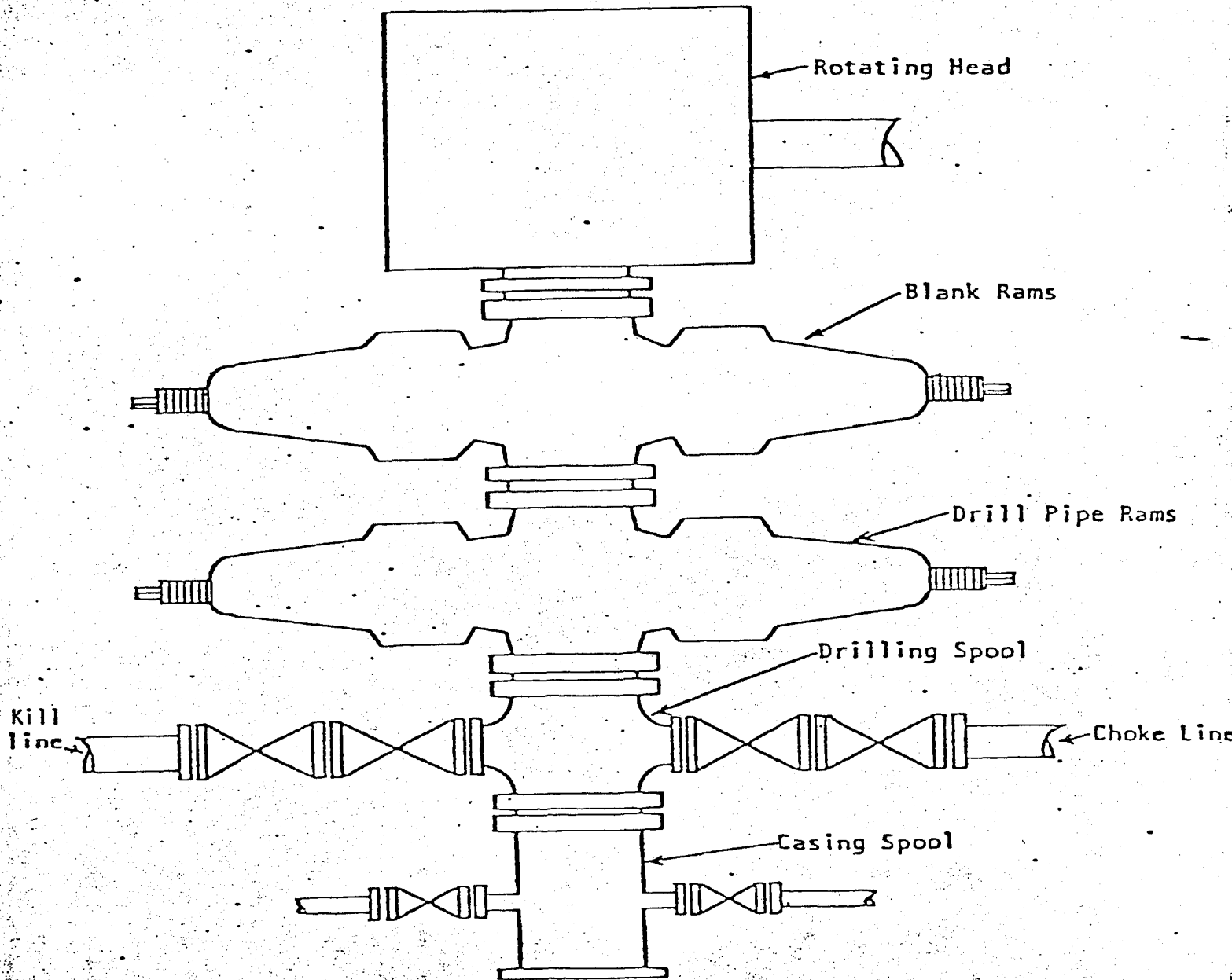


SCHEMATIC OF BOP STACK

AIR DRILLED WELLS
using

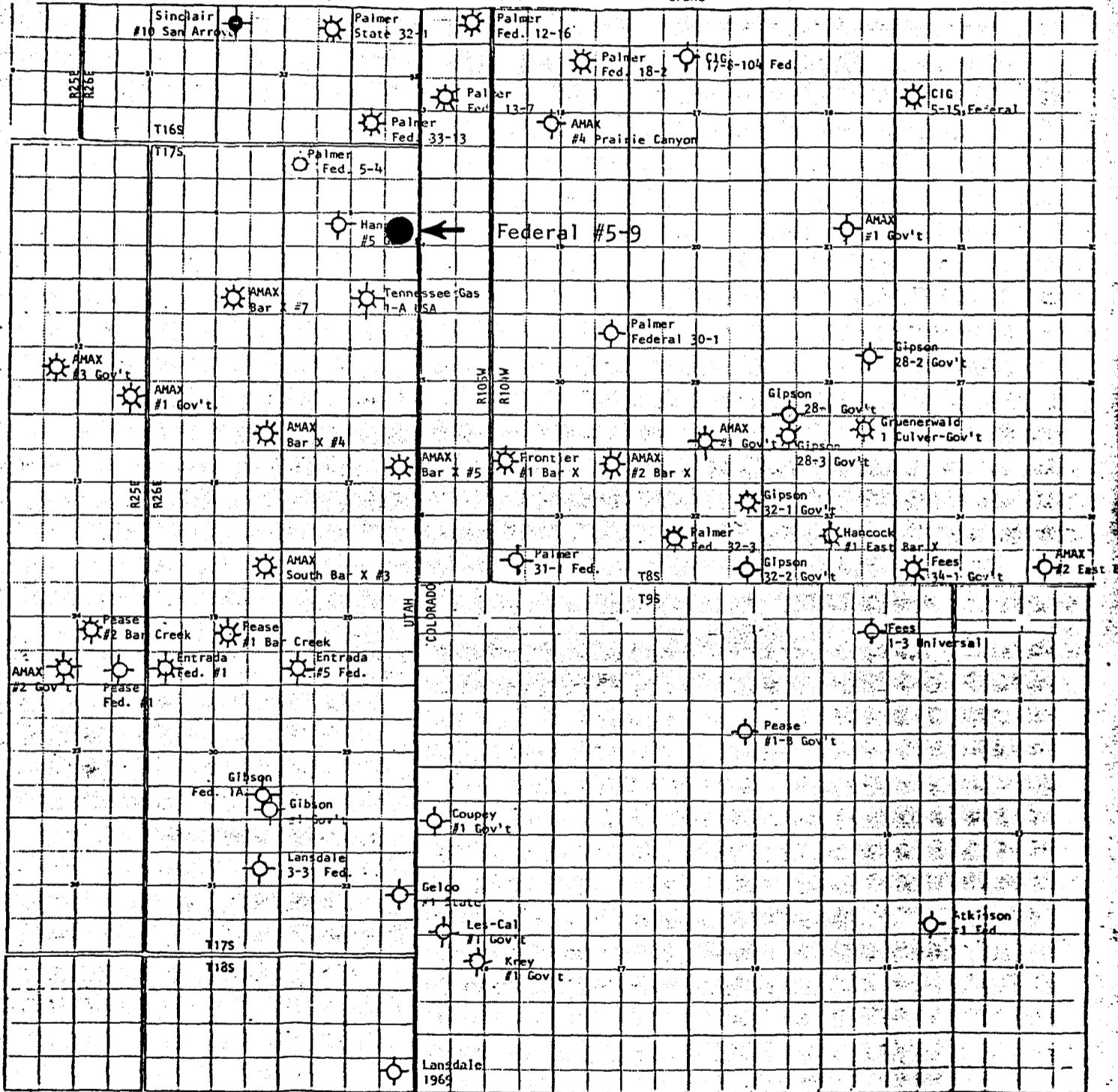
900 series well head equipment

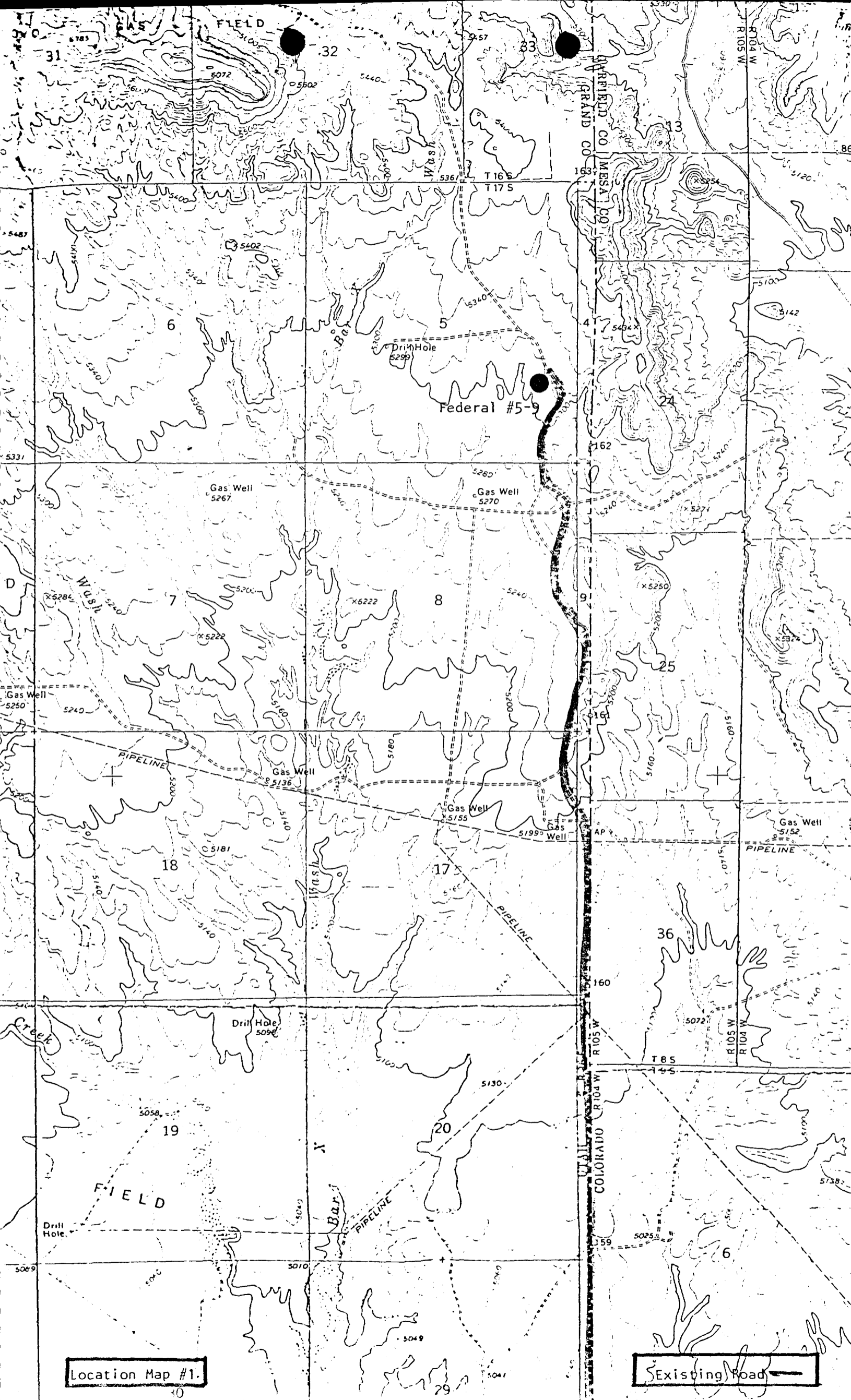
Interval from 240 to TD



WELL MAP NO. 2

Township 8S & 17S Range 104W & 26E County Garfield, Mesa, & Grand State Colorado & Utah





Fed.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: March 22, 1979
Operator: Palmer Oil & Gas
Well No: Fed. 5-9
Location: Sec. 5 T. 17S R. 26E County: Grand

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number: 43-01-30506

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: M.G.M. 3-30-79

~~To check to E. line 10-5-79~~

Remarks:

Director: 7

Remarks:

3 INCLUDE WITHIN APPROVAL LETTER:

Bond Required: OK Survey Plat Required: ☐

Order No. MB 100 Surface Casing Change ☐

to _____

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In _____ Unit

Other:

☐ Letter Written/Approved

Oil Unit
#2, Zone 1

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MCINTYRE

CLEON B. FEIGHT
Director

April 4, 1979

Palmer Oil and Gas Company
P. O. Box 2564
Billings, Montana 59103

Re: Well No. Federal #5-9
Sec. 5, T. 17S, R. 26E
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 4 dated December 5, 1956.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30506.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING


CLEON B. FEIGHT, DIRECTOR

cc: U. S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APR 23 1979

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK.

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. USA U-41378		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. INDIAN, ALLOTTEE OR TRIBE NAME COMMIT.		
2. NAME OF OPERATOR PALMER OIL & GAS COMPANY			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103			8. FARM OR LEASE NAME Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 700' FEL, 1800' FSL At proposed prod. zone Same			9. WELL NO. 5-9		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 16 miles Northwest of Mack, Colorado			10. FIELD AND POOL, OR WILDCAT San Arroyo		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 700'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE 1/4 SE 1/4 5-17S-26E		
16. NO. OF ACRES IN LEASE 496.97			12. COUNTY OR PARISH 13. STATE Grand Utah		
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4815'		
19. PROPOSED DEPTH 4100' Morrison			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5307' G.L., 5318' K.B.			22. APPROX. DATE WORK WILL START* June 1, 1979		

Ben, Michael
This Application to Drill the referred to oil and/or gas well was received in this office on 4/12/79. We are withholding approval of this application pending your comments (or input) as to the adequacy of the attached surface management plan and any supplemental stipulations for compliance with your surface management policies.

This proposal will require a joint onsite inspection and Environmental Analysis determination under Sec. 102 of the National Environmental Protection Act of 1969. NEW policy requires that all wells have a joint onsite inspection, effective 2-1-75. Please provide a date on which the joint inspection can be made to the following:

District Engineer, USGS, Conservation Division
8440 Federal Building, Salt Lake City, Utah 84138
Phone: 801 + 524-5650
Mobile Phone: 801 + 521-2734

E A # 287-79

(Continued on back page.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED <u>Robert D. Ballantyne</u>	TITLE <u>Drilling Superintendent</u>	DATE <u>April 10, 1979</u>
(This space for Federal or State office use)		
PERMIT NO. <u>257-550</u>	APPROVAL DATE	
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

cc: Unga, Vernal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PALMER OIL & GAS COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

700' FEL, 1800' FSL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 16 miles Northwest of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

700'

16. NO. OF ACRES IN LEASE

496.97

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

4815'

19. PROPOSED DEPTH

4100' Morrison

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5307' G.L., 5318' K.B.

22. APPROX. DATE WORK WILL START*

June 1, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8" new	20#, H-40	240'	150 sacks
7-7/8"	4 1/2" new	10.5#, K-55	4100'	225 sacks

1. Surface formation is the Mancos Shale.
2. Anticipated geologic markers are: Frontier - 3100', Dakota - 3460', Morrison - 3590'.
3. Gas is anticipated in the Dakota and Morrison. No water, oil, or other minerals are anticipated.
4. Proposed casing program: See item No. 23 above.
5. Pressure control equipment: See attached well control plan and schematic of drilling contractors BOP stack. BOP's will be tested before drilling out from under surface casing and will be checked daily.
6. Air or mist drilling will be used to drill the surface hole unless water is encountered. If water is encountered approximately 300 bbls. of gel type mud will be used. The well will be air drilled from under surface casing to T.D.
7. Auxiliary Equipment: See well control plan.
8. The logging program will consist of an IES log from TD to the base of surface casing, and GR-FDC-SNP or CNL logs from TD to above the Frontier. No cores or DST's are planned.
(Continued on back page.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Robert D. Ballantyne

TITLE

Drilling Superintendent

DATE

April 10, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

MAY 23 1979

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYNECESSARY FLARING OF GAS DURING
DRILLING AND COMPLETION APPROVED
SUBJECT TO ROYALTY (NTL-4)

STATE OF

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

★ U.S. GOVERNMENT PRINTING OFFICE: 1963-O-711-396

9. No abnormal pressures or temperatures anticipated. No poisonous gas anticipated.

10. Anticipated spud date is June 1, 1979, depending on rig availability, and weather. Completion operations should commence within 30 days of rig release.

11. Survey plats enclosed.

12. The gas is not dedicated.

13. The spacing unit is the east half of section 5.

DEPARTMENT OF THE INTERIOR
UNITED STATES

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG WELL

WELL SURVEY

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DEPT. 10

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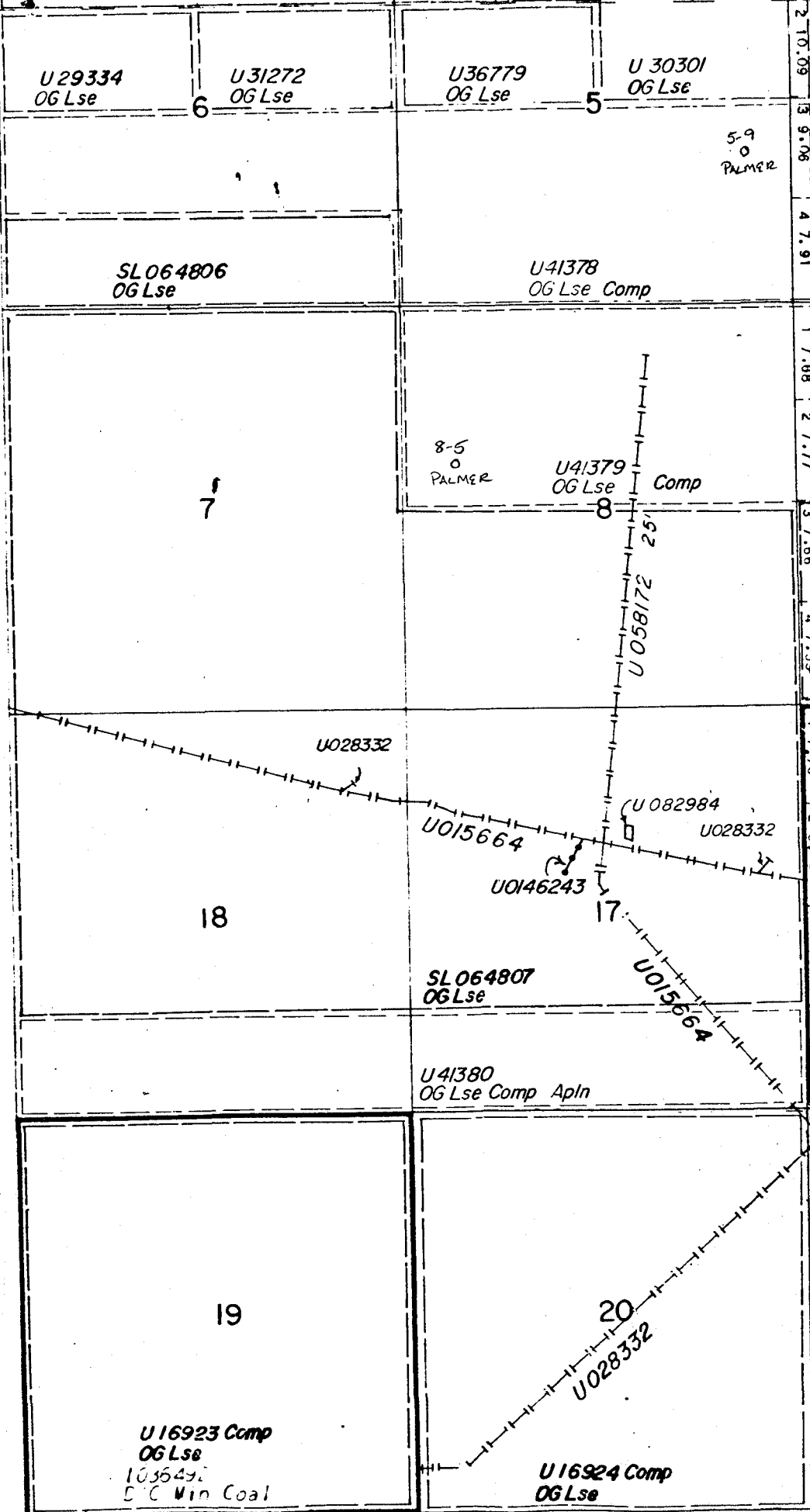
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U.S. GEOLOGICAL SURVEY
OIL AND GAS OPERATIONS
RECEIVED
JUN 19 1979
SALT LAKE CITY, UTAH

4 45.76 3 45.56 2 45.36 1 45.16 4 44.97 3 44.80 2 44.62 1 44.45



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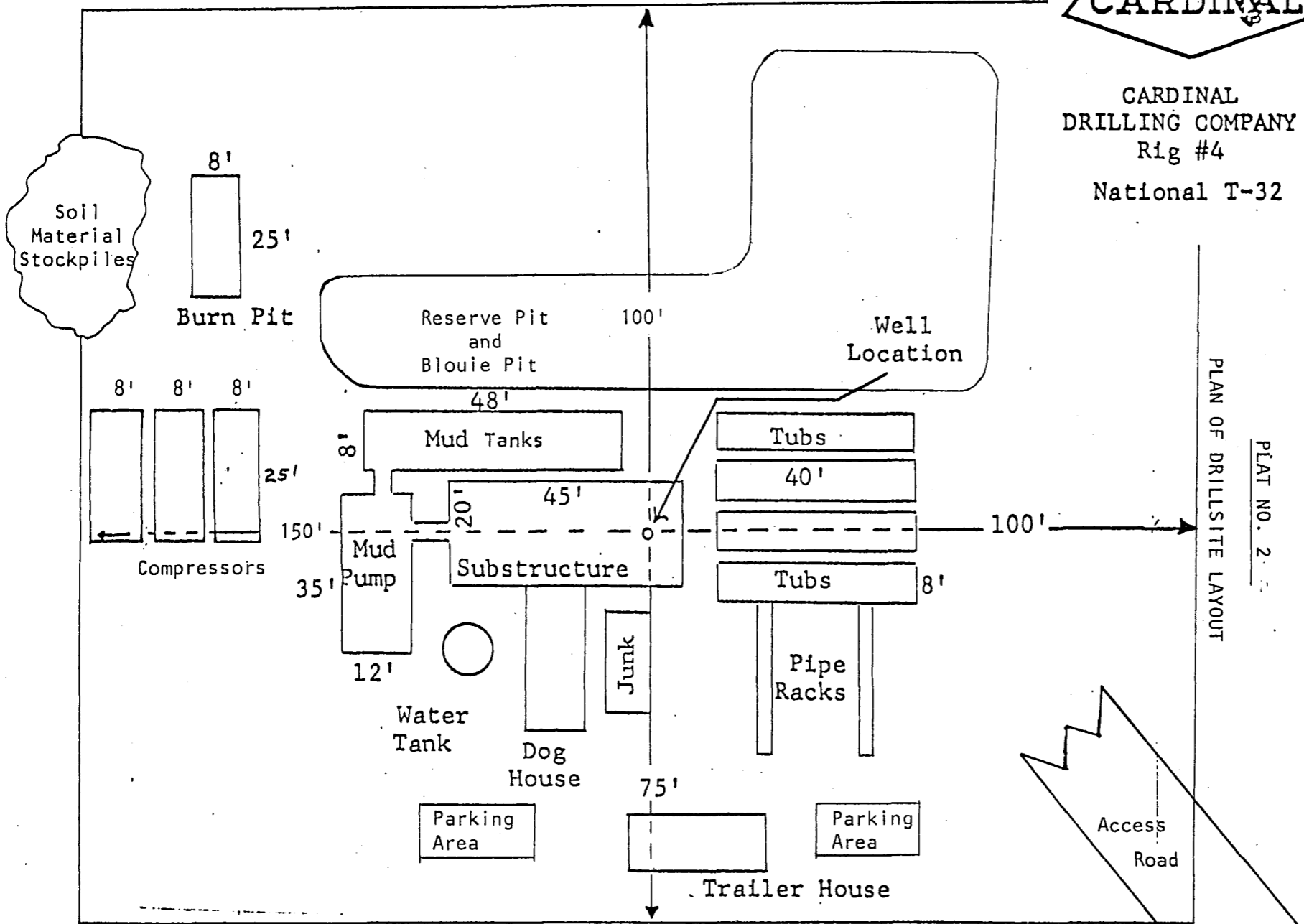
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16

21



CARDINAL
DRILLING COMPANY .
Rig #4
National T-32



DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: Palmer Oil & Gas

WELL NAME: Federal 5-9

SECTION 5 NE SE TOWNSHIP 17 S RANGE 26 E COUNTY Grand

DRILLING CONTRACTOR Cardinal Drilling Company

RIG # 4

SPODDED: DATE July 21, 1979

TIME 2:00 p.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Grace Brown

TELEPHONE # (406) 248-3151

DATE July 23, 1979

SIGNED M. G. Minder

Doc
USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐

2. NAME OF OPERATOR
Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 700' FEL, 1800' FSL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Status Report</u>	

5. LEASE
USA U-41378

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
5-9

10. FIELD OR WILDCAT NAME
San Arroyo

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
NE 1 SE 1 Sec 5-17S-26E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30506

15. ELEVATIONS (SHOW DEPT. KDB, AND WD)
5307' GL, 5318' KDB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Total depth 3925'. Ran 104 joints of 4½" 10.5# casing to 3925' KB.
Cemented with 200 sx RFC, 50 bbls 3% KCL water plus 24 bbls mud flush ahead. Plug down at 5:00 AM on 7/26/79.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED Grace F. Brown TITLE Assistant Secretary DATE July 26, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FROM: : DISTRICT GEOLOGIST ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. USA U-41378

OPERATOR: PALMER OIL & GAS CO.

WELL NO. S-9

LOCATION: $\frac{1}{2}$ NE $\frac{1}{2}$ SE $\frac{1}{2}$ sec. 5, T. 17S., R. 26E., GRAND Co.

GRAND Co. County, UTAH

1. Stratigraphy: OPERATOR ESTIMATES ARE REASONABLE.

2. Fresh Water: WRD REPORTS FROM SURROUNDING TOWNS. INDICATE FRESH/USABLE WATER MAY BE FOUND TO THE TOP OF THE MANCOS SH. SINCE THIS TEST WILL SPUD IN THE MANCOS, SIGNIFICANT FRESH/USABLE WATER ZONES ARE NOT LIKELY BELOW THE SURFACE CASING.

3. Leasable Minerals:

VALUABLE PROSPECTIVELY FOR COAL. COAL IN THE DAKOTA IS LIKELY TO BE THIN, LENTICULAR & SUBECONOMIC.

4. Additional Logs Needed: NONE

5. Potential Geologic Hazards: WELLS IN THE TWP REPORT NO ABNORMAL CONDITIONS.

6. References and Remarks: USGS FILES SLC, UT
WITHIN BAR-X KGS

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-41378
Operator Palmer Oil & Gas Well No. 5-9
Location 700' FEL 1800' FSL Sec. 5 T. 17S R. 26E
County Grand State Utah Field San Arroyo
Status: Surface Ownership Public Minerals Federal
Joint Field Inspection Date May 1, 1979

Participants and Organizations:

<u>Rocky Curnett</u>	<u>Bureau of Land Management</u>
<u>Jeff Williams</u>	<u>Bureau of Land Management</u>
<u>John Evans</u>	<u>U. S. Geological Survey</u>
<u>Bill Buniger</u>	<u>Dirt Contractor (Operator's Rep.)</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
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Related Environmental Analyses and References:

- (1) Book Mountain Unit Resource Analysis, Bureau of Land Management, Utah
- (2)

Analysis Prepared by: John T. Evans, Environmental Scientist
Grand Junction, Colorado

Date May 7, 1979

NOTED JOHN T. EVANS, JR.

5-9-79

Pad 200 x 300
Pit 50 x 100
500' - 25' access road
Flow line not incl.
Stacks topsoil
200
ST Pits 125' to
well head

Proposed Action:

On April 12, 1979, Palmer Oil and Gas Company filed an Application for Permit to Drill the No. 5-5 development well, a 4100' gas test of the Dakota and Morrison Formations; located at an elevation of 5307' in the NE/4 SE/4, Sec. 5, T17S, R26E on Federal mineral lands and public surface; lease No. U41378. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 200' wide x 300' long and a reserve pit 50' x 150'. A new access road would be constructed 25' wide x 500' long from an existing and improved road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad.

If production is established, detailed plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is June 1, 1979, and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately 16 miles NE of Mack, Colorado, the nearest town. A fair road runs to within 500' of the location. This well is in the San Arroyo Field.

Topography:

The proposed drillsite is on relatively flat location near an existing road.

Geology:

The surface geology is Mancos. The soil is sandy clays and gravels. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinyon-juniper association is also present.

- Topsoil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.
- ✓ Approximately two acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated. Operator is to control drilling dust by misting or other approved means.

Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rainstorms.

Winds are medium and gusty, occurring predominantly from west to east. Air mass inversions are rare. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage is to Bar X Wash.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert shrub types grading to the pinyon-juniper association.

Proposed action would remove about two acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done — according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges — or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.

2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Trash and blooie pits to be located 125' minimum from wellhead.

Application for flowline not clear. Need Sundry Notice prior to approval.

Adverse Environmental Effects Which Cannot Be Avoided:

(Flowline Only)
5-9-79
Drill Loc. OK-

Surface disturbance and removal of vegetation from approximately two acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to the Bar X Wash would exist through leaks and spills.

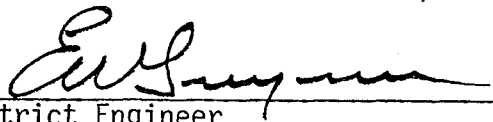
If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

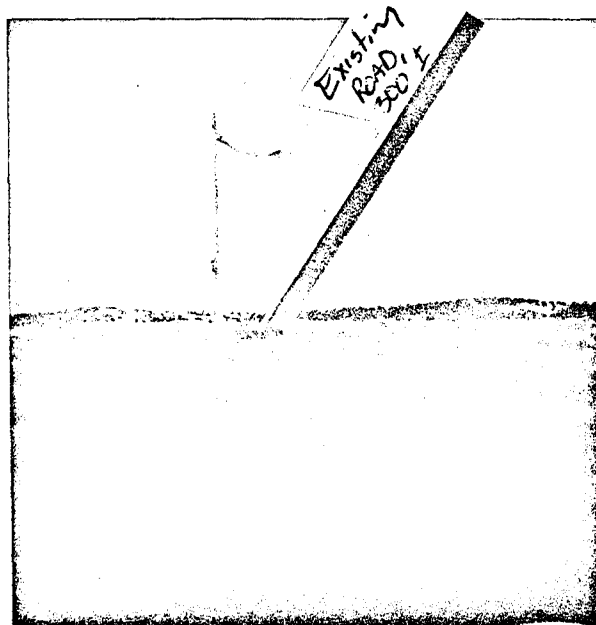
Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

Date

5/16/79


District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



Palmer 5-9

5-1-79

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other
2. NAME OF OPERATOR
Palmer Oil & Gas Company
3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana 59103
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 700' FEL, 1800' FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) Pipeline Hookup

SUBSEQUENT REPORT OF:

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Aug 13, 1979BY: Frank B.

5. LEASE
U-41378
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal
9. WELL NO.
5-9
10. FIELD OR WILDCAT NAME
San Arroyo
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
NE 1/4 Sec. 5-17S-26E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
43-019-30506
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5307' GL, 5318' KB

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

REVISED

Palmer Oil & Gas Company requests permission for pipeline hookup under Section 1 of the lease rights to tie into Northwest Pipeline's Bar-X Gathering System. Lateral A-4 and A-5.

Lateral A-4 is a 6" line, .188 wall thickness Grade "B" ERW. Design pressure 720 psi, X-Trucoat wrapping. Line will be welded and buried. Disturbed areas will be rehabilitated as required by the BLM.

Lateral A-5 is a 4" line, .188 wall thickness Grade "B" ERW. Design pressure 720 psi, X-Trucoat wrapping. Line will be welded and buried. Disturbed areas will be rehabilitated as required by the BLM.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Robert D. Ballantyne TITLE Drilling Sup't DATE August 9, 1979
Robert D. Ballantyne

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

FILE IN QUADRUPLICATE
FORM OGC-8-X



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: #5-9 Federal

Operator: Palmer Oil & Gas Company Address: P. O. Box 2564, Billings, Montana

Contractor: Cardinal Drilling Company Address: P. O. Box 1077, Billings, Montana

Location NE 1/4 SE 1/4; Sec. 5 T. 17 ~~XX~~ S R. 26 E; Grand County
S XXX

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	<u>From- To-</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	<u>NONE</u>		
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Palmer Oil & Gas Company							
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 700' FEL, 1800' FSL At top prod. interval reported below same At total depth Same							
14. PERMIT NO.		43-019-30506		DATE ISSUED 4/4/79			
15. DATE SPUDDED 7/21/79		16. DATE T.D. REACHED 7/24/79		17. DATE COMPL. (Ready to prod.) 8/29/79			
18. ELEVATIONS (DF, REB, RT, GR, ETC.) 5307 GL, 5318 KB		19. ELEV. CASINGHEAD					
20. TOTAL DEPTH, MD & TVD 3925'		21. PLUG, BACK T.D., MD & TVD 3923'		22. IF MULTIPLE COMPL., HOW MANY*			
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-TD		CABLE TOOLS			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3300-3504 - Dakota		25. WAS DIRECTIONAL SURVEY MADE no					
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger FDC-GR, SNP-GR, IES-GR		27. WAS WELL CORED no					
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
8-5/8"	20#	252' KB	12-1/4"	150 sx	none		
4-1/2"	10.5#	3925' KB	7-7/8"	200 sx	none		
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			
30. TUBING RECORD							
SIZE	DEPTH SET (MD)	PACKER SET (MD)					
2-3/8"	3583'	none					
31. PERFORATION RECORD (Interval, size and number) 3300, 3334, 3408, 3410, 3457, 3462, 3470, 3494, 3496, 3500, 3504' - 11 shots total							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
3300-3504		600 gal. 7.5% MSR; fraced with 75,000 gal. 75% quality foam, 20,000# 100 mesh sand and 80,000# 20/40 sand; 1,762,000					
33.* PRODUCTION							
DATE FIRST PRODUCTION shut in		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing			WELL STATUS (Producing or shut-in) shut in		
DATE OF TEST 8/30/79	HOURS TESTED 1 hr	CHOKE SIZE 1-1/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 64	GAS—MCF. 1539		
FLOW. TUBING PRESS. 40 psi	CASING PRESSURE 325 psi	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold							
TEST WITNESSED BY R. D. Ballantyne							
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Grace E. Brown</u>		TITLE Assistant Secretary		DATE 9/12/79			
Grace E. Brown							

*(See Instructions and Spaces for Additional Data on Reverse Side)

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs, drillers, geologists, sample and core analysis, all types electric, etc., formations, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s) and bottom(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple-stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

[illegible]

38.	NAME	GEOLOGIC MARKERS	MEAS. DEPTH		TOP	TRUE-VERT. DEPTH	
	Dakota silt		3191				
	Dakota Sand		3267				
	Morrison		3508				

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
720 S. Colorado Blvd., Denver, CO 80222
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 700'FEL & 1800'FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	Subsequent Report Of:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Change of Operator	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above mentioned well was purchased by Tenneco Oil Company effective date September 25, 1979, from Palmer Oil and Gas Company, P.O. Box 2564, Billings, Montana 59103.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] Admin. Supervisor

DATE

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. CASE NO. 11-41372	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Federal	
9. WELL NO. 5-9	
10. FIELD OR WILDCAT NAME San Arroyo	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T17S, R26E	
12. COUNTY OR PARISH Grand	13. STATE Utah
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5307'GL	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Tenneco Oil
A Tenneco Company

Penthouse
720 South Colorado Blvd.
Denver, Colorado 80222
(303) 758-7130

October 23, 1979



Mr. Cleon B. Feight
Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84111

RE: Tenneco Well formerly operated
by Palmer Oil and Gas Company
Grand County, Utah

Gentlemen:

The following wells formerly operated by Palmer Oil and Gas Company will now be operated by Tenneco Oil Company. Please note that record title to several of these wells will be held by Energy Increments, Inc., and Pate Oil Company, however, Tenneco Oil Company will continue to operate the wells.

Grand County, Utah

Township 16 South, Range 24 East

Sec. 33: 33-14/ ~~Section 29: Federal 29-15~~

Sec. 35: 35-10/ Section 28: Federal 28-15

Township 16 South, Range 25 East

Section 13: Federal 13-9-SIGW

Section 17: Federal 17-9-SIGW

Section 14: Federal 14-2

Township 16 South, Range 26 East

Section 32: State 32-1-SIGW

State 32-11-SIGW

Section 33: Federal 33-13-SIGW

Section 16: State 16-4

Township 17 South, Range 24 East

-SIGW-Section 3: Federal 3-8/Section 5: Federal 5-13

SIGW-Federal 3-15/Section 14: Federal 14-4

Section 4: Federal 4-12

Township 17 South, Range 25 East

Section 6: Federal 6-7

Federal 6-14-SIGW

Section 7: Federal 7-4-SIGW

Section 29: Federal 29-1

Township 17 South, Range 26 East

Section 5: Federal 5-4-SIGW

Federal 5-9-SIGW

Section 8: Federal 8-5-SIGW

***SIGW=SHUT IN GAS WELL
REMAINING ARE DRILLING WELLS

-5
1983)
9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. NAME OF OPERATOR Tenneco Oil Company	
3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) See also space 17 below. At surface 700' FEL, 1800' FSL	
14. PERMIT NO. 43-019-30506	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5307' GL

RECEIVED

DEC 06 1985

DEPARTMENT OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO. U-41378	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Federal	
9. WELL NO. 5-9	
10. FIELD AND POOL, OR WILDCAT San Arroyo	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T17S R26E	
12. COUNTY OR PARISH Grand	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/> Return to production	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The referenced well has been shut-in for more than 90 days and was returned to production 11/27/85.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Senior Regulatory Analyst

DATE 12/3/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



Dale D. Gilliam
Regional Production Manager

January 30, 1989

State of Utah
Oil, Gas & Mining Division
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

File: JLH-063-980.2

Tenneco Acquisition
Change of Ownership
Sundry Notices

Amoco Production Company has acquired Tenneco's Rocky Mountain Division. In accordance with the Utah Rules and Regulations, we are furnishing your office with the required Sundry notices.

In addition to the Sundry notices, we are providing you with other critical information pertaining to the sale:

- The effective date of purchase was July 1, 1988 with a closing date of December 9, 1988.
- Any questions and/or correspondence concerning operational matters, permitting, sundry notices, etc., should be directed to John Hampton with Amoco at (303) 830-5025.
- Current plans are that Tenneco, acting as Amoco's Agent, will file the State Production Reports, and will handle royalty and severance payments in their name through the month of May. However, we are attempting to accelerate this transition period. Questions concerning these matters during this period should be handled with Tenneco, as in the past.

D. D. Gilliam

RLW/ksf

Attachment

COPIES SENT TO	
AWS	✓
VLC	✓
PMK	✓
Ed Bonner	st Lds
Brad Simpson	- Tax

Amoco Production Company
Denver Region
1670 Broadway
P.O. Box 800
Denver, Colorado 80201
303-830-4040

RECEIVED
FEB 01 1989

DIVISION OF
OIL, GAS & MINING

100025

TAS
show Amoco as operator
but send to Tenneco's
address (c/o Tenneco).
Call John Hampton to find
out which Tenneco address
to send reports to.

DTJ
2-6-89

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

OKTH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR Amoco Production Company	
3. ADDRESS OF OPERATOR 1670 Broadway, P. O. Box 800, Denver, CO 80123	
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 700 FEL 1800 FSL	
14. PERMIT NO. 43-019-30506	15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5307 GR

RECEIVED
FEB 01 1989

OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO. U-41378
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Federal
9. WELL NO. 5-9
10. FIELD AND POOL, OR WILDCAT San Arroyo
11. SEC., T., R. M., OR BLK. AND SUBDIVISION OR AREA Sec 5, T17S, R26E
12. COUNTY OR PARISH Grand
13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Change of Operator <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above well has been acquired by Amoco Production Company from Tenneco Oil Exploration and Production. The effective date of purchase was July 1, 1988 with a closing date of December 9, 1988.

18. I hereby certify that the foregoing is true and correct

SIGNED J. L. Hampton

TITLE Sr. Staff Admin. Supervisor

DATE 1-23-89

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

Page 1 of 1

Operator name and address:

DEC 16 1989
JAN 16 1990

Utah Account No. N0025

Report Period (Month/Year) 4 / 89

Amended Report ☐

1 AM

Comments (attach separate sheet if necessary)

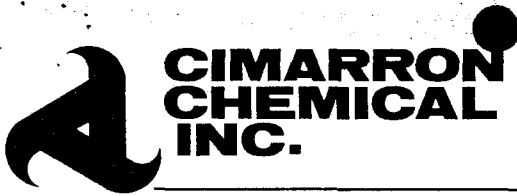
have reviewed this report and certify the information to be accurate and complete.

Date 1-12-90

Authorized signature

Telephone 303-830-5581

PLEASE COMPLETE FORMS IN BLACK INK



1400 Post Oak Blvd. • 625
Houston, TX 77056
713 • 621-5303
Telex: 765656
Telefax: 713 • 621-8641

November 29, 1990

State of Utah
Oil, Gas & Mining Division
3 Triade Center
Suite 350
Salt Lake City, Utah
Attn: Lisha Romeo

Dear Ms. Romeo,

Enclosed are the copies of the Sundry Notices on the
Federal 5-9 and Federal 8-5 that you requested per our
telephone conversation.

Thank you for your assistance.

Sincerely yours,

Marie Minas
Marie Minas
Oil & Gas Dept.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-4137E

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Cimarron Chemical, Inc.

3. Address and Telephone No.

743 Horizon Court #325 Grand Junction CO 81506 (303) 243-3179

Location of Well (Footage, Sec., T., R., M., or Survey Description)

1800' FSL & 700' FEL (NE, SE) 5-17S-26E

7. If Unit or CA. Agreement Designation

8. Well Name and No.

Federal 5-9

9. API Well No.

43-019-30506

10. Field and Pool, or Exploratory Area

San Arroyo (Dakota)

11. County or Parish, State

Grand, Utah

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Cimarron Chemical, Inc. hereby succeeds TOC - Rocky Mountains, Inc. as operator of the designated well and accepts all operating responsibility and liability under its good and sufficient Bond Number 802662.

New Operator: Cimarron Chemical, Inc.

Former Operator: TOC-Rocky Mountains, Inc.

By:

E. Sumnerlin
E. Sumnerlin

Title: President

Date: 11/28/90

By:

G. W. Chipman
G. W. Chipman

Title:

Date:

14. I hereby certify that the foregoing is true and correct

Signed

Russ E. Hillis

Title

Sr. Petroleum Engineer

Date

11-27-90

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
P. O. Box 970
Moab, Utah 84532

3160
(U-41378)
(U-41379)
(U-065)

DEC - 7 1990

Ms. Elizabeth Sumerlin
Cimarron Chemical Inc.
1400 Post Oak Blvd. #625
Houston, Texas 77056

DEC 10 1990

Re: Change of Operator
Well No. 5-9 on Lease U-41378 ✓
Well No. 8-5 on Lease U-41379

Dear Ms. Sumerlin:

We have received your self-certification statement of operatorship and your bond information pertaining to the above captioned wells. With this you have satisfied our requirements for change of operator. Consider this letter our approval in recognizing Cimarron Chemical Inc. as operator of well no. 5-9 on lease U-41378 and well no. 8-5 on lease U-41379.

If you should have any questions, please call Eric Jones at (801) 259-6111.

Sincerely yours,

William C. Stinger

Assistant District Manager,
Mineral Resources

cc:
U-068



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
324 SOUTH STATE, SUITE 301
SALT LAKE CITY, UTAH 84111-2303



IN REPLY REFER TO:

3104
(U-942)
BLM Bond No. UT0811

DEC 13 1990

DEC 7 1990

DECISION

Principal:	:	Type of Bond:	Statewide Oil and Gas
Cimarron Chemical, Inc.	:		
1400 Post Oak Blvd., Suite 625	:		
Houston, TX 77058	:	Bond Amount:	\$25,000
	:		
Surety:	:	Bond Number:	B02662 ✓
Planet Indemnity Company	:		
Attn: Mildred L. Massey	:	BLM Bond Number:	UT0811
Attorney-in-Fact	:		
8 Greenway Plaza, Suite 400	:		
Houston, TX 77046	:		

Statewide Oil and Gas Surety Bond Accepted

The bond described above has been examined and found satisfactory. It is accepted effective November 30, 1990, the date of filing.

The bond constitutes coverage of all operations conducted by or on behalf of the principal on Federal leases in the State of Utah. The bond provides coverage of the principal where that principal has interest in, and/or responsibility for operations on, leases issued under the authority of any of the Acts cited on the bond form. Federal leases do not include Indian leases.

The bond will be maintained by this office. Termination of liability under the bond will be permitted only after this office is either satisfied there is no outstanding liability on the bond or satisfactory replacement bond coverage has been furnished.

[Signature]
Chief, Minerals
Adjudication Section

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Bond Number B02662

OIL AND GAS OR GEOTHERMAL LEASE BOND

Act of February 25, 1920 (30 U.S.C. 181 et seq.)
Act of August 7, 1947 (30 U.S.C. 351-359)
Department of the Interior Appropriations Act, FY 1981 (42 U.S.C. 6508)
Act of December 24, 1970 (30 U.S.C. 1001-1025)
Other Oil and Gas and Geothermal Leasing Authorities as Applicable

Lease Serial Number (For Individual Bond Only)

CHECK ONE: ☒ OIL AND GAS ☐ GEOTHERMAL RESOURCES

CHECK ONE:

☒ SURETY BOND

KNOW ALL BY THESE PRESENTS, THAT CIMARRON CHEMICAL, INC.

(name)

of 1400 Post Oak Boulevard, Suite 625, Houston, Texas 77058

(address)

as principal, and PLANET INDEMNITY COMPANY

(name)

of 8 Greenway Plaza, Suite 400, Houston, Texas 77046

(address)

, as surety.

are held and firmly bound unto the United States of America in the sum of TWENTY-FIVE THOUSAND AND/NO 100

dollars (\$ 25,000.00

lawful money of the United States, which may be increased or decreased by a rider hereto executed in the same manner as this bond.

☐ PERSONAL BOND

KNOW ALL BY THESE PRESENTS, That

(name)

of , as principal, is held and firmly

(address)

bound unto the United States of America in the sum of

dollars (\$), lawful money of the United States which sum may be

increased or decreased by a rider hereto executed in the same manner as this bond.

The principal, in order to more fully secure the United States in the payment of the aforesaid sum, hereby pledges as security therefore United States negotiable securities of a par value equal to the amount specified. The principal, pursuant to the authority conferred by Section 1 of the Act of September 13, 1982 (31 U.S.C. 9303), does hereby constitute and appoint the Secretary of the Interior to act as his attorney. The interest accruing on the United States securities deposited, in the absence of any default in the performance of any of the conditions, or stipulations set forth in this bond and the instrument(s) granting rights and interests in Federal lands, must be paid to the principal. The principal hereby for himself/herself, any heirs, executors, administrators, successors, and assigns, joint and severally, ratifies and confirms whatever the Secretary shall do by virtue of these presents.

The principal/surety shall apply this bond or the Secretary shall transfer this deposit as security for the faithful performance of any and all of the conditions and stipulations as set forth in this bond and the instruments granting rights and interests in Federal lands. In the case of any default in the performance of the conditions and stipulations of such undertaking, it is agreed that: (1) for a Surety Bond, the surety/principal shall apply the bond or any portion thereof; (2) for a Personal Bond, the Secretary shall have full power to assign, appropriate, apply or transfer the deposit or any portion thereof, to the satisfaction of any damages, assessments, late payment charges, penalties, or deficiencies arising by reason of such default.

This bond is required for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas and geothermal deposits to the United States; (3) any lessee, permittee, or contractor, under a lease, permit, or resource sale contract issued, or to be issued, by the United States covering the same land subject to this bond, covering the use of the surface or the prospecting for, or the development of other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves and each of our heirs, executors, administrators, successors, and assigns, jointly and severally

This bond shall cover all surface disturbing activities related to drilling operations on a Federal leasehold(s) in accordance with authorization(s) granted under the Acts cited above for:

CHECK ONE:

☐ NATIONWIDE BOND — Operations conducted by or on behalf of the principal(s) or on the leasehold(s) of the principal(s) in the United States including the National Petroleum Reserve in Alaska (NPR-A) when a rider sufficient to bring the amount in conformance with 43 CFR 3134 is provided, and provided a rider is obtained, also coverage of multiple exploration operations.

☒ STATEWIDE BOND — Operations conducted by or on behalf of the principal(s) or on the leasehold(s) of the principal(s), except the NPR-A, and, provided a rider is obtained, also coverage of multiple exploration operations within the single state of Utah.

☐ INDIVIDUAL BOND — Operations conducted by or on behalf of the principal or on the leasehold of the principal on the single lease identified by the serial number above.

NATIONAL PETROLEUM RESERVE IN ALASKA (NPR-A) BOND — This bond shall cover:

☐ NPR-A LEASE BOND — The terms and conditions of a single lease.

☐ NPR-A WIDE BOND — The terms and conditions of all leases, and provided a rider is obtained, coverage of multiple exploration operations.

BOND CONDITIONS

The conditions of the foregoing obligations are such that:

WHEREAS the principal has an interest in a lease(s) and/or responsibility for operations on a lease(s) issued under the Acts cited in this bond; and

2. WHEREAS the principal and surety agree(s) that with notice to the surety the coverage of this bond, in addition to the present holding(s) of and/or authorization(s) granted to the principal, shall extend to and include:

a. Any lease(s) hereafter issued to or acquired by the obligor/principal, except under individual lease bonds, the coverage is to be confined to the principal's holding(s) and/or authorization(s) granted under the Acts cited in this bond, and to become effective immediately upon such authorization, approval or issuance of a transfer in favor of the principal; and

b. Any transfer(s) of operating rights hereafter entered into or acquired by the principal affecting lease(s); and

c. Any activity subsequent hereto of the principal as operator under a lease(s) issued pursuant to the Acts cited in this bond; and

Provided, That the surety may elect to terminate the additional coverage authorized under this paragraph. Such termination will become effective 30 days after the BLM receives notice of the election to terminate. After the termination becomes effective, the additional interest(s) identified in this paragraph will not be covered by this bond; and

3. WHEREAS the principal and surety agree(s) that with notice to the surety that this bond shall remain in full force and effect notwithstanding: Any assignment(s) of an undivided interest in any part or all of the lands in the lease(s) in which event the assignee(s) shall be considered to be coprincipal(s) on an individual or NPR-A bond as fully and to the same extent as though his/her or their duly, authenticated signatures appeared thereon; and

4. WHEREAS the obligor/surety hereby waives any right to notice of, and agrees that this bond shall remain in full force and effect notwithstanding:

Any assignment(s) of 100% of some of the lands described in the lease(s), the bond to remain in full force and effect only as to the lands retained in the lease(s); and

b. Any transfer(s) either in whole or in part, of any or all of the operating rights and further agrees to remain bound under this bond as to the interests in the operating rights retained by the principal; and

c. Any modification of a lease or operating right, or obligation thereunder, whether made or effected by commitment of lease or operating right to unit, cooperative, communitization or storage agreements, or development contracts, suspensions of oper-

ations or production, waivers, suspensions or changes in rental, minimum royalty and royalties, compensatory royalty payments, or otherwise; and

d. Any extension of a lease(s) covered by this bond, such coverage to continue without any interruption due to the expiration of the term set forth in the lease(s); and

5. WHEREAS the principal and surety hereby agree(s) that notwithstanding the termination, expiration, cancellation or relinquishment of any lease(s), whether by operation of law or otherwise, the bond shall remain in full force and effect as to the terms and conditions of all remaining leases and obligations covered by the bond; and

6. WHEREAS the principal, as to any lease or part of a lease for land on which he/she is the operator, in consideration of being permitted to furnish this bond in lieu of the lessee(s) or operating rights owner(s), agrees and by these presents does hereby bind himself/herself to fulfill on behalf of each lessee or operating rights owner all obligations of such for the entire leasehold in the same manner and to the same extent as though he/she were lessee or operating rights owner; and

7. WHEREAS the obligor/principal and surety agree(s) that the neglect or forbearance of said lessor in enforcing, as against any responsible party, the payment of rentals or royalties or the performance of any other term or condition of the lease(s) shall not, in any way, release the principal and surety, or either of them from any liability under this bond; and

8. WHEREAS the principal and surety agree(s) that in the event of any default under the lease(s) the lessor may commence and prosecute any claim, suit, or other proceeding against the principal and surety or either of them, without the necessity of joining the lessee(s); and

9. WHEREAS if the principal fails to comply with any provisions of an oil and gas lease, and the noncompliance continues for thirty (30) days after written notice thereof, such lease shall be subject to cancellation and the principal shall also be subject to applicable provisions and penalties of the Federal Oil and Gas Royalty Management Act (30 U.S.C. 1701 et seq.) or the Federal Onshore Oil and Gas Leasing Reform Act. This provision shall not be construed to prevent the exercise by the United States of any other legal and equitable remedy, including waiver of the default.

10. NOW, THEREFORE If said principal, his/her heirs, executors, administrators, successors, or assigns shall in all respects faithfully comply with all of the provisions of the instrument(s) granting rights and interests in Federal lands referred to above, then the obligations are to be void; otherwise to remain in full force and effect.

Signed this 2nd day of November, 1990, in the presence of:

NAMES AND ADDRESSES OF WITNESSES

By: [Signature]

By: [Signature]

By: [Signature]

8 Greenway Plaza, Suite 400, Houston, TX 77046

By: [Signature]

8 Greenway Plaza, Suite 400, Houston, TX 77046

If this bond is executed by a corporation, it must bear the seal of that corporation.

CIMARRON CHEMICAL, INC.

By: [Signature] (L.S.)
1400 Post Oak Blvd., Suite 625
Houston, TX 77058

PLANET INDEMNITY COMPANY (Address)
By: [Signature] (L.S.)

Mildred L. Massey, (Surety) Attorney-in-Fact
8 Greenway Plaza, Suite 400, Houston, TX 77046
(Business Address)

GENERAL POWER OF ATTORNEY

CERTIFIED COPY

KNOW ALL MEN BY THESE PRESENTS: That PLANET INDEMNITY COMPANY, a corporation organized and existing under the laws of the State of Texas, and having its principal office in the City of Houston, Texas, does hereby constitute and appoint:

MILDRED L. MASSEY

its true and lawful attorney-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, in an amount not to exceed:

*****FIFTY THOUSAND AND NO/100 DOLLARS*****
and the execution of all such instrument(s) in pursuance of these presents, shall be binding upon said PLANET INDEMNITY COMPANY as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal office.

This Power of Attorney is executed, and may be certified to and may be revoked, pursuant to and by authority of Article V, Section 6(C) of the By-Laws adopted by the Board of Directors of PLANET INDEMNITY COMPANY, at a meeting called and held on this third day of March, 1987, of which the following is a true transcript of said Section 6(C):

- "The President or any Vice President, Assistant Vice President, Secretary or Resident Secretary shall have power and authority
- (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and
 - (2) to appoint special Attorneys-in-fact, who are hereby authorized to certify to copies of any power-of-attorney issued in pursuance of this section and/or any of the By-laws of the Company, and
 - (3) to remove, at any time, any such Attorney-in-fact or Special Attorney-in-fact and revoke the authority given to him."

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of said Company adopted at a meeting duly called and held on the third day of March, 1987, of which the following is a true excerpt:

"Now therefore the signatures of such officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN TESTIMONY WHEREOF, PLANET INDEMNITY COMPANY has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, E. H. Frank, III, on this the third day of March, 1987.



E.H. Frank III
E.H. Frank, III

President

STATE OF TEXAS
COUNTY OF HARRIS

On this 3rd day of March, 1987, before me came the individual who executed the preceding instrument, to me personally known, and, being duly sworn, said that he is the therein described and authorized officer of PLANET INDEMNITY COMPANY; that the seal affixed to said instrument is the Corporate Seal of said Company; that the said Corporate Seal and his signature were duly affixed by order of the Board of Directors of said Company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal, at the City of Houston, Texas, the day and year first above written.



Mary Williams

NOTARY PUBLIC, Harris County, Texas

CERTIFICATION

I, the undersigned officer of PLANET INDEMNITY COMPANY, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the By-Laws of said Company as set forth in said Power of Attorney, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2nd day of November, 19 90



Pat Doehring
Pat Doehring

Assistant Secretary

Only a certified copy of Power of Attorney bearing the Certificate of Authority No. printed in red on the upper right corner is binding. Photocopies, carbon copies or other reproductions of this document are invalid and not binding upon the Company.

ANY INSTRUMENT ISSUED IN EXCESS OF THE PENALTY AMOUNT STATED ABOVE IS TOTALLY VOID AND WITHOUT VALIDITY.

1- LCR	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LCR	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-90)

TO (new operator) CIMARRON CHEMICAL, INC.
(address) 743 HORIZON COURT #325
GRAND JUNCTION, CO 81506
phone (303) 243-3179
account no. N 7025

FROM (former operator) *TOC-ROCKY MOUNTAINS, INC.
(address) AMOCO PRODUCTION COMPANY
1670 BROADWAY
DENVER, CO 80202
phone (303) 830-5581
account no. N0050

Well(s) (attach additional page if needed):

Name	API	Entity	Sec	Twp	Rng	Lease Type
Name: <u>FEDERAL 5-9/DKTA</u>	<u>4301930506</u>	<u>9153</u>	<u>5</u>	<u>17S</u>	<u>26E</u>	<u>U-41378</u>
Name: <u>FEDERAL 8-5/DK-MR</u>	<u>4301930499</u>	<u>9052</u>	<u>8</u>	<u>17S</u>	<u>26E</u>	<u>U-41379</u>
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (8-5 only) See Btm Approval
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: # 146246.
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (24-91)
6. Cardex file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above.
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) No (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

1. All attachments to this form have been microfilmed. Date: February 5 1991.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

9/10/31 Btm/Moab Approved 12-7-90 eff. 8-1-90. (see letter w/bonding)
* Unable to get documentation from "Amoco".

Form 9
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number U-41378
2. Name of Operator Cimarron Chemical, Inc.		7. Indian Allottee or Tribe Name —
3. Address of Operator 743 Horizon Court #325 Grand Junction, CO		8. Unit or Communitization Agreement —
4. Telephone Number (303) 243-3179		9. Well Name and Number Federal 5-9
5. Location of Well Footage : 1800' FSL & 700' FEL Q.Q. Sec. T., R., M. : NESE 5-17S-26E		10. API Well Number 43-019-30506
11. Field and Pool, or Wildcat Bar X (Dakota)		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Change of Operator | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Cimarron Chemical, Inc. purchased well from TOC-Rocky Mountains, Inc. a wholly owned subsidiary of Amoco Production Company effective 12-1-89. The well is capable of production but is currently shut-in due to lack of demand in the market place.

14. I hereby certify that the foregoing is true and correct

Name & Signature Russ E. Gillis Title Sr. Petroleum Eng. Date 1-25-91
(Sign Use Only)

CIMARRON CHEMICAL, INC.
743 Horizon Court, Suite 325
Grand Junction, Colorado 81506
(303) 243 - 3179

January 25, 1991

Utah Board of Oil, Gas and Mining
Suite 350, 3 Triad Center
355 West North Temple
Salt Lake City, Utah 84180-1203

RECEIVED
JAN 28 1991

DIVISION OF
OIL, GAS & MINING

Re: Change of Operator
Federal 5-9
Federal 8-5
McCormick State 16-9 (*will send doc. / ASAP*)
Grand County, Utah

Dear Sir or Madam:

Cimarron Chemical, Inc. has completed its acquisition of certain oil and gas wells from TOC - Rocky Mountains, Inc. a wholly owned subsidiary of Amoco Production Company. Three wells in this package are located in the state of Utah. Two of the wells are located on federal leases and one well is located on a state lease. The effective date of the acquisition was December 1, 1989; however, due to problems with title in the package we did not close with Amoco until August 1, 1990. Last month we received approval from the BLM and the Utah Division of State Lands for our bonds and change of operator.

Enclosed please find duplicate copies of Form 9 (Sundry Notices and Reports on Wells) for each of the referenced wells reporting the change in operator and the current well status. Also enclosed is a copy of the federal statewide bond, individual state lease bond, and BLM approval of change of operator. ✓

According to the records received from Amoco, all three wells have been shut-in for several years. Cimarron returned the Federal 8-5 to production in November, 1990 and has left the other two wells shut-in. In reviewing the Utah Oil and Gas Conservation General Rules, it appears that the state issues a Form 10 for the Operator to fill out and submit for production reporting. After the change of operator has been noted in your system, please send the appropriate forms which Cimarron must submit in order to update your production records. I would imagine that Amoco has submitted the appropriate forms through September, 1990.

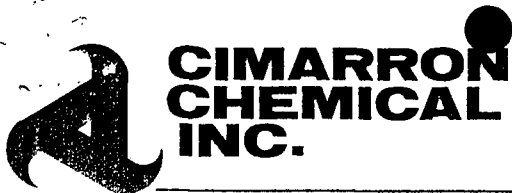
Should you have any questions concerning this matter, please contact me at the above number.

Sincerely yours,



Russ E. Gillis
Sr. Petroleum Engineer

cc: Ms. E. Sumerlin, CCI



1400 Post Oak Blvd. • 625
Houston, TX 77056
713 • 621-5303
Telex: 765656
Telefax: 713 • 621-8641

September 17, 1991

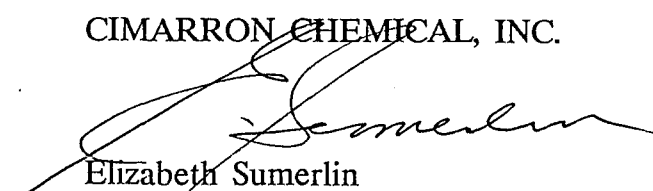
Mr. David Stewart
Stewart & Stevenson
P.O. Box 1637
Houston, Texas 77008

Dear Mr. Stewart:

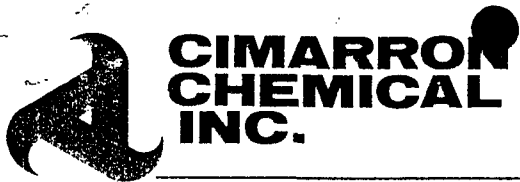
I am forwarding to your company the enclosed Monthly Oil and Gas Production Reports that are due to the State of Utah each month.

Sincerely yours,

CIMARRON CHEMICAL, INC.



Elizabeth Sumerlin
President



September 17, 1991

1400 Post Oak Blvd. • 625
Houston, TX 77056
713 • 621-5303
Telex: 765656
Telefax: 713 • 621-8641

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center
Suite 350
Salt Lake City, Utah 84180-1203
Attn: R. J. Firth

Dear Mr. Firth:

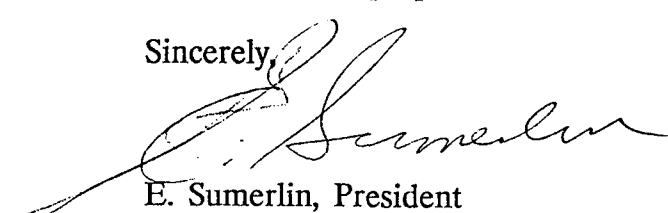
As of January, 1991 Stewart & Stevenson took over as operators of the wells, Fed 8-5, Fed 5-9, and McCormick State 16-9.

The reports in question were originally prepared by a Mr. Russ Gillis in our Denver office. He however is no longer with the company.

Please contact: Mr. David Stewart
 Stewart & Stevenson
 P.O. Box 1637
 2707 North Loop West
 Houston, Texas 77008
 (713) 868-7700

Mr. David Stewart should be able to assist you with any questions pertaining to said wells. I will forward enclosed reports so that they can prepare them in the future.

Sincerely,


E. Sumerlin, President
Cimarron Chemical, Inc.

cc: D. R. Nielson
 ~~D. T. Staley~~ *TS*
 V. L. Carney
 L. D. Clement
 M. Minas

/o&g/StateUta.108

RECEIVED

SEP 23 1991

DIVISION OF
OIL GAS & MINING

KNUTSON, BRIGHTWELL, REEVES & OLDHAM, P.C.

ATTORNEYS AT LAW

1600 STOUT STREET

SUITE 1200

DENVER, COLORADO 80202-3133

RODNEY D. KNUTSON
THOMAS P. BRIGHTWELL
GEORGE E. REEVES
KENNETH R. OLDHAM

HOWARD R. HERTZBERG

TELEPHONE
(303) 825-6000

FAX
(303) 825-8537

November 4, 1991

Ms. Lisha Romero
Department of Natural Resources
Division of Oil, Gas and Mining
Three Triad Center
Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Re: Change of Operator Forms

Dear Ms. Romero:

Pursuant to our recent telephone conversations, enclosed are the following forms, which are being submitted in order to effectuate a change of operator (for the State of Utah's records) for the wells described below, so that Stewart & Stevenson MVO, Inc. will succeed Cimarron Chemical, Inc. as operator.

A. Copy of Bureau of Land Management Sundry Notices and Reports on Wells for the Federal 8-5 Well. As noted on the copy, it was approved by the Bureau of Land Management on August 12, 1991.

B. Copy of Bureau of Land Management Sundry Notices and Reports on Wells for the Federal 5-9 Well. As noted on the copy, it was approved by the Bureau of Land Management on August 12, 1991.

C. State of Utah Division of Oil, Gas and Mining Sundry Notices and Reports on Wells for the McCormick State 16-9 Well.

RECEIVED

NOV 07 1991

DIVISION OF
OIL GAS & MINING

Ms. Lisha Romero
November 4, 1991
Page 2

If you have any questions about this, or need any further materials, please contact me.

Very truly yours,

KNUTSON, BRIGHTWELL,
REEVES & OLDHAM, P.C.

By: Howard R. Hertzberg
Howard R. Hertzberg

HRH/dm

Enclosures

cc: Mr. Lawrence E. Wilson (w/encl.)
Mr. F. Lee Robinson (w/encl.)
Utah Division of State Lands and Forestry (w/encl.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-68249

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

5-9

10. FIELD AND POOL, OR WILDCAT

BAC X

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 5, T17S-R26E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Stewart & Stevenson MVO, Inc.
c/o Valley Operating, Inc.

3. ADDRESS OF OPERATOR
745 Gilpin Street, Denver, Colorado 80218-3633

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

NESE Sec. 5, T17S-R26E

14. PERMIT NO.

43-019-30506

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PCCL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

(Other) Change of Operator

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Stewart & Stevenson MVO, Inc. is submitting this Sundry-Notice to effect the change of Operator from Cimarron Chemical, Inc. to Stewart & Stevenson MVO, Inc.

Stewart & Stevenson MVO, Inc. as Operator is covered under Statewide Utah Oil & Gas Bond Number UT0831.

Please be advised that Stewart & Stevenson will be held responsible under the terms of the lease for the operations conducted on the leased lands as the new Operator.

Stewart & Stevenson MVO, Inc. also understands that the BLM office will hold the aforementioned Operator and Bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibilities are met.

RECEIVED

NOV 07 1991

18. I hereby certify that the foregoing is true and correct

SIGNED

F. Lee Robinson

TITLE Agent for S&S MVO, Inc. DATE August 6, 1991

(This space for Federal or State office use)

Acting Assistant District Manager
for Minerals

APPROVED BY

TITLE

DATE 8-12-91

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions on Reverse Side

Stewart & Stevenson MVO, Inc.
c/o Valley Operating, Inc.
Well No. Federal 8-5
SWNW Sec. 8, T. 17 S., R. 26 E.
Grand County, Utah
Lease U-41379

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Stewart & Stevenson MVO Inc. is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0831 (Principal- Stewart & Stevenson MVO Inc.) via surety consent as provided for in 43 CFR 3104.3.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

1- LGR 7-LGR
2- DTS/TB
3- VLC
4- RJF
5- RWM
6- ADA

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Change of Operator (well sold)
Designation of Operator

☐ Designation of Agent
☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-12-91 & 5-1-91)

0 (new operator)	<u>STEWART & STEVENSON MVO, INC.</u>	FROM (former operator)	<u>CIMARRON CHEMICAL INC.</u>
(address)	<u>P. O. BOX 1637</u>	(address)	<u>1400 POST OAK BLVD #625</u>
	<u>2707 NORTH LOOP WEST</u>		<u>HOUSTON, TX 77056</u>
	<u>HOUSTON, TX 77008</u>	c/o VALLEY OPERATING	<u>E. SUMMERLIN, PRES.</u>
	phone <u>(713) 868-7700</u>	745 GILPIN STREET	phone <u>(713) 621-5303</u>
	account no. <u>N 7115</u>	DENVER, CO 80218-3633	account no. <u>N7025</u>
		(303)355-3242	
		ATTN: LEE ROBINSON	

Well(s) (attach additional page if needed):

Name: <u>FEDERAL 8-5/DK-MR</u>	API: <u>43-019-30499</u>	Entity: <u>9052</u>	Sec <u>8</u> Twp <u>17S</u> Rng <u>26E</u>	Lease Type: <u>U-41379</u>
Name: <u>FEDERAL 5-9/DKTA</u>	API: <u>43-019-30506</u>	Entity: <u>9153</u>	Sec <u>5</u> Twp <u>17S</u> Rng <u>26E</u>	Lease Type: <u>U-41378</u>
Name: <u>MCCORMICK ST 16-9/DK-MR</u>	API: <u>43-019-30632</u>	Entity: <u>9154</u>	Sec <u>16</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>ML-26972</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 9-23-91)
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 10-1-91) (Reg. 10-21-91) (Rec'd 11-7-91)
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #145518.
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (11-12-91)
6. Cardex file has been updated for each well listed above. (11-12-91)
7. Well file labels have been updated for each well listed above. (11-12-91)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (11-12-91)
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 11-14-91 1991. If yes, division response was made by letter dated 11-14-91 1991.

INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 11-14-91 1991, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

INDEXING

1. All attachments to this form have been microfilmed. Date: Nov 18 1991.

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

APPROVANTS

11112 Btm/moeb Approved on 8-12-91 eff. same.



STEWART & STEVENSON MVO, INC.

P.O. BOX 1637 HOUSTON, TEXAS 77251-1637 (713) 868-7700
TELEX: 794221 / 201448 CPW HOU FAX: (713) 868-0208

September 27, 1993

Ms. Lesha Codorva
State of Utah
Division of Oil, Gas and Mining
3 Triad Centr, Suite #350
Salt Lake City, Utah 84180-1203

Re: Notice of Interest Transfer
Stewart & Stevenson MVO, Inc.

Gentlemen:

Please be advised that effective June 1, 1993, Stewart & Stevenson MVO, Inc. ("S&S MVO") sold its interest in three wells, which are located in Grand County, Utah, to Aspen Energy Corporation. These wells are:

- 1) Federal 8-5 (State #09052) *43-019-30499 Sec 8 T17S R26E*
- 2) Federal 5-9 (State #09153) *43-019-30506 Sec 5 T17S R26E*
- 3) McCormick 16-9 (State #09154) *43-019-30632 Sec 16 T17S R24E*

All future correspondence should be directed to:


Mr. Leon Romero
Aspen Energy Corporation
P.O. Box 5155
1208 Galisteo Parkway
Santa Fe, New Mexico 87502-5155

Office: (505) 988-2012
Fax: (505) 982-6398

Please contact me if additional information would be useful to effect this transfer.

Sincerely,

STEWART & STEVENSON MVO, INC.


David R. Stewart
Vice President



RECEIVED
SEP 29 1993

DIVISION OF
OIL, GAS & MINING

ASPEN ENERGY CORPORATION

October 1, 1993

State of Utah
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

ATTN: Ms Lesha Cordova

RECEIVED
OCT 14 1993
DIVISION OF
OIL, GAS & MINING

Re: Notice of Interest Transfer
Stewart & Stevenson MVO, Inc. to Aspen Energy Corporation

Dear Ms Cordova:

This letter is to notify you that effective June 1, 1993, Stewart & Stevenson MVO, Inc. ("S&S") sold its interest in three wells located in Grand County, Utah to Aspen Energy Corporation, a New Mexico corporation. These three wells are:

- 1) Federal #8-5 (State of Utah # 09052)
- 2) Federal #5-9 (State of Utah # 09153)
- 3) McCormick State #16-9 (State of Utah # 09154)

30506
43-019-~~30506~~
SEC 5 T175 R26 E

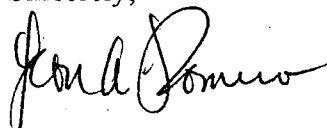
All future correspondence concerning these wells should be directed to:

Aspen Energy Corporation
P.O. Box 5155
Santa Fe, NM 87502-5155

ATTN: Mr. Leon A. Romero
Telephone: (505) 988-2012
Facsimile: (505) 982-6398

Please feel free to contact me if you should require additional information to effect this transfer.

Sincerely,



Leon A. Romero
President

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation
2. Name of Operator Aspen Energy Corporation	8. Well Name and No. Federal 5-9
3. Address and Telephone No. P.O. Box 22070 Santa Fe, NM 87502-2070 (505) 988-2012	9. API Well No. 43-019-30506
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1800' FSL & 700' FEL (NESE) Sec. 5, T17S, R26E, SLM	10. Field and Pool, or Exploratory Area San Arroyo Dakota
	11. County or Parish, State Grand County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Change of Operator	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective June 1, 1993, Aspen Energy Corporation purchased the interest of Stewart & Stevenson MVO, Inc. in this well and assumed all lease operations.

I hereby certify that Aspen Energy Corporation is responsible under the terms and conditions of the lease to conduct lease operations.

The Utah Statewide BLM bond number for Aspen Energy Corporation is: UT0957.

RECEIVED

NOV 19 1993

DIVISION OF
OIL, GAS & MINING

RECEIVED
MOAB DISTRICT OFFICE
OCT 18 AM 8:46
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

14. I hereby certify that the foregoing is true and correct		
Signed <u>George Wm Peel</u>	Title <u>Vice President</u>	Date <u>Oct. 15, 1993</u>
(This space for Federal or State office use)		
Approved by <u>William C. Hays</u>	Title <u>Associate District Manager</u>	Date <u>10/20/93</u>
Conditions of approval, if any:		

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-LEC
2-DPS	
3-VLC	
4-RJF	
5-PL	
6-SJ	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-1-93)

TO (new operator) ASPEN ENERGY CORPORATION
(address) PO BOX 22070
SANTA FE, NM 87502-2070
LEON ROMERO
phone (505) 988-2012
account no. N 5990

FROM (former operator) STEWART & STEVENSON MVO
(address) 745 GILPIN ST
DENVER, CO 80218-3633
C/O VALLEY OPERATING
phone (303) 355-3242
account no. N 7115

Well(s) (attach additional page if needed):

Name: <u>FEDERAL 5-5/DK-MR</u> *	API: <u>43-019-30499</u>	Entity: <u>9052</u>	Sec <u>8</u> Twp <u>17S</u> Rng <u>26E</u>	Lease Type: <u>U-41379</u>
Name: <u>FEDERAL 5-9/DKTA</u>	API: <u>43-019-30506</u>	Entity: <u>9153</u>	Sec <u>5</u> Twp <u>17S</u> Rng <u>26E</u>	Lease Type: <u>U-41378</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 9-29-93)
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 10-4-93)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (11-22-93)
- See 6. Cardex file has been updated for each well listed above. (11-22-93)
- See 7. Well file labels have been updated for each well listed above. (11-22-93)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (11-22-93)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A Lee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such 11/22/93 notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: 11-24 1993.

FILING

- ✓ 1. Copies of all attachments to this form have been filed in each well file.
- ✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

931020 McCormick St. 16-9/43-019-30632 to Aspen Energy. (Separate change)

931122 BLM/Meab Approved 10-20-93.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 1

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

A.N. SENA
 ASPEN ENERGY CORPORATION
 4849 GREENVILLE AVE #1177
 DALLAS TX 75206

UTAH ACCOUNT NUMBER: N5990REPORT PERIOD (MONTH/YEAR): 8 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
FEDERAL 8-5								
4301930499	09052	17S 26E 8	DK-MR			441379		
FEDERAL 5-9								
4301930506	09153	17S 26E 5	DKTA			441378		
MCCORMICK STATE 16-9								
4301930632	09154	17S 24E 16	DK-MR			ML26972		
TOTALS								

COMMENTS: _____

hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

11012201643

COTTON VALLEY RESOURCES CORPORATION

8350 N. CENTRAL EXPRESSWAY, SUITE M2030
214-363-1968 FAX 214-363-4294
DALLAS, TX 75206
HTTP://WWW.COTTONVALLEY.COM

DIANA CAMPBELL
OFFICE MANAGER

STATE TAX COLLECTOR

AUG 27 1997

POSTAL SERVICE
AUGUST 27 1997

U.S.T.C. 40

August 6, 1997

AUG 12 1997

VENDORS:

Effective July 31, 1997, Aspen Energy Corporation was merged into a wholly-owned subsidiary of Cotton Valley Resources Corporation.

Accordingly, please begin sending any invoices or correspondence previously sent to Aspen to my attention at the address shown herein.

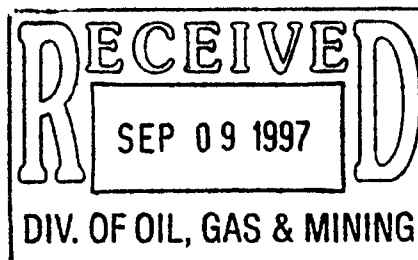
Sincerely,
COTTON VALLEY RESOURCES CORPORATION

Diana Campbell

000096343B -

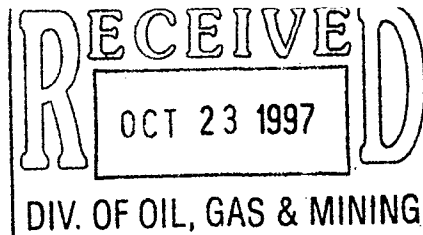
Louanna Spines
4712

N5990- Aspen Energy Corp.





3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340



DOGM 56 64 23
7/85

Page ____ of ____

PRODUCING ENTITY ACTION

Operator Name BEARTOOTH OIL & GAS CO.
Address P. O. BOX 2564
City BILLINGS State MT Zip 59103
Utah Account No. N1790

Authorized Signature *Julie Roe*
Effective Date 10/97 Telephone 406-259-2451

ACTION CODE

- A Establish new entity for new well(s).
- B Add new well(s) to existing entity.
- C Delete well(s) from existing entity.
- D Establish new entity for well(s) being deleted from existing entity.
- E Change well(s) from one entity to another existing entity.
- F Other. (Specify using attachments if necessary.)

BRACKET WELLS TO BE GROUPED TOGETHER.

(Use black ink or typewriter ribbon.)

Action Code	Current Entity No.	New Entity No.	API No.	Well Name	Well Location					Producing Formation
					Sec.	T	R	Q/Q	County	
F	09052		43019 ³ 0499	Federal 8-5	8	17S	26E	SWNW	Grand	DK-MR

Explanation of action:

Change operator from Aspen Energy to Beartooth Oil & Gas Company

F	09153		4301930506	Federal 5-9	5	17S	26E	NESE	Grand	DKTA
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Explanation of action:

Change operator from Aspen Energy to Beartooth Oil & Gas Company

F	09154		4301930632	McCormick 16-9	16	17S	24E	NESE	Grand	DK-MR
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Explanation of action:

Change operator from Aspen Energy to Beartooth Oil & Gas Company

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Explanation of action:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-68249
2. Name of Operator Beartooth Oil & Gas Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 2564, Billings, MT 59103 (406)259-2451	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1800' FSL & 700' FEL (NESE) Sec. 5, T17S, R26E, SLM	8. Well Name and No. Federal 5-9
	9. API Well No. 43-019-30506
	10. Field and Pool, or Exploratory Area San Arroyo Dakota
	11. County or Parish, State Grand County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Dispose Water

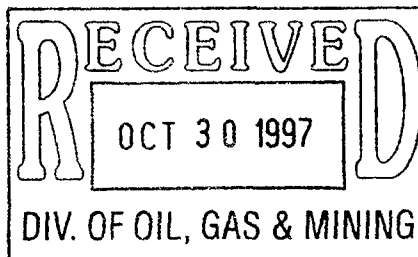
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Beartooth Oil & Gas Company purchased the interest of Aspen Energy Corporation in this well and assumed all lease operations effective October 1, 1997.

I hereby certify that Beartooth Oil & Gas Company is responsible under the terms and conditions of the lease to conduct lease operations.

The Utah Statewide BLM Bond number for Beartooth Oil & Gas Company is 557750. *BLM Bond # U70033*



RECEIVED
OCT 30 1997
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct	Signed <u>[Signature]</u>	Title <u>Donald K. Roberts, President</u>	Date <u>October 14, 1997</u>
	(This space for Federal or State office use)	<u>Assistant Field Manager,</u>	
	Approved by <u>/s/ Brad D. Palmer</u>	Title <u>Resource Management</u>	Date <u>OCT 27 1997</u>
	Conditions of approval, if any:	CONDITIONS OF APPROVAL ATTACHED	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ASPEN ENERGY CORPORATION

November 13, 1997

Lisha Cordova
Division of Gas, Oil and Mining

Fax 801-359-3940

Aspen sold to Beartooth Oil and Gas the properties mentioned below
effective 10-1-97:

Fed 5-9
Fed 8-5
McCormick State

Susan Silva
Susan Campbell

NOV 13 1997
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE
WASHINGTON, D.C. 20535
TELEPHONE 202-755-1000
FACSIMILE 202-755-1000

Beartooth Oil and Gas Company
Well No. Federal 5-9
NESE Sec. 5, T. 17 S., R. 26 E.
Lease U-68249
Grand County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Beartooth Oil and Gas Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0033 (Principal - Beartooth Oil and Gas Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-LEC	6-LEC
2-GLH	7-KAS
3-DPS	8-SI
4-VLD	9-FILE
5-JBB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 10-1-97

TO: (new operator)	<u>BEARTOOTH OIL & GAS CO.</u>	FROM: (old operator)	<u>ASPEN ENERGY CORPORATION</u>
(address)	<u>PO BOX 2564</u>	(address)	<u>4849 GREENVILLE AVE #1177</u>
	<u>BILLINGS MT 59103</u>		<u>DALLAS TX 75206</u>
Phone:	<u>(406) 259-2451</u>	Phone:	<u>(214) 692-9681</u>
Account no.	<u>N1790</u>	Account no.	<u>N5990</u>

WELL(S) attach additional page if needed:

Name: <u>FEDERAL 8-5/DKMR</u>	API: <u>43-019-30499</u>	Entity: <u>9052</u>	S <u>8</u>	T <u>17S</u>	R <u>26E</u>	Lease: <u>U41379</u>
Name: <u>FEDERAL 5-9/DKTA</u>	API: <u>43-019-30506</u>	Entity: <u>9153</u>	S <u>5</u>	T <u>17S</u>	R <u>26E</u>	Lease: <u>U41378</u>
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Reg. 10-28-97) (Reg. 11-4-97) (Rec'd 11-13-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-23-97)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(10-30-97)*
6. Cardex file has been updated for each well listed above. *(11-19-97)*
7. Well file labels have been updated for each well listed above. *(11-19-97)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(10-30-97)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Yes 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- ____ 2. A copy of this form has been placed in the new and former operator's bond files.
- ____ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A ^{DT} 11/21/97 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 1.5.98.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971030 BLM/Mcab Apr. 10-27-97.